

826924

C.E. SHARED PANEL CONNECTOR #1 - 1403 21A3 PR

33.05.01.0
SHEET 1 OF 2 SHEETS

CONNECTOR PIN	2821 EDGE CONNECTOR	2821 FEED-THROUGHS	2821 SIGNAL NAME	2821 SOURCE LOGIC	
CEPRA001	21A3A01A	21A3E30A-21A4E03A	+Y PRINT BUFFER 1 BIT	33.23.05.1	A
CEPRA002	21A3A01B	21A3E30B-21A4E03B	+Y PRINT BUFFER 2 BIT	33.23.05.1	
CEPRA003	21A3A01C	21A3E30C-21A4E03C	+Y PRINT BUFFER 4 BIT	33.23.05.1	
CEPRA004	21A3A01D	21A3E30D-21A4E03D	+Y PRINT BUFFER 8 BIT	33.23.06.1	
CEPRA005	21A3A01E	21A3E30E-21A4E03E	+Y PRINT BUFFER A BIT	33.23.06.1	
CEPRA006	21A3A01F	21A3E30F-21A4E03F	+Y PRINT BUFFER B BIT	33.23.06.1	
CEPRA007	21A3A01G	21A3E30G-21A4E03G	SPARE		
CEPRA008	21A3A01H	21A3E30H-21A4E03H	SPARE		
CEPRA009	21A3A01K	21A3E30K-21A4E03K	+Y PRINT BUFFER C BIT	33.23.07.1	
CEPRA010	21A3A03L	21A3E29M-21A4E04M	+Y PRINT COMPARE	33.33.45.1	
CEPRA011	21A3B01A		+Y PRINT READY IND C.E.	33.33.01.1	B
CEPRA012	21A1D01N		+Y PRINT BUSY	33.13.51.1	
CEPRA013	21A3B01B		+Y PRINT GATE	33.33.02.1	
CEPRA014	21A3B01C		+Y PRINT TR	33.33.02.1	
CEPRA015	21A3B01D		+Y WRITE GATE	33.33.03.1	
CEPRA016	21A1D01A		+Y PCG 1 DECODE	33.33.28.1	
CEPRA017	21A1D01B		+Y PCG 2 DECODE	33.33.28.1	
CEPRA018	21A1D01C		+Y PCG 4 DECODE	33.33.28.1	
CEPRA019	21A1D01D		+Y PCG 8 DECODE	33.33.28.1	
CEPRA020	21A1D01E	21A1B31Q-21A2B02Q	+Y PCG A DECODE	33.33.28.1	
CEPRA021	21A1D01F		+Y PCG B DECODE	33.33.28.1	C
CEPRA022	21A1D01G		SPARE		
CEPRA023	21A1D01H		+Y CLK CTRL TR	33.33.22.1	
CEPRA024	21A1D01P		+Y TR 1	33.33.22.1	
CEPRA025	21A1D01M		+Y TR 2	33.33.22.1	
CEPRA026	21A1D01K		+Y PRINT PARITY CHECK LATCH	33.23.10.1	
CEPRA027	21A1D01L	21A3E31R-21A4E02R	+Y HAMMER CHECK LATCH	33.33.47.1	
CEPRA028	21A3A02G	21A3E31Q-21A4E02Q	+Y SYNC CHECK	33.33.21.1	
CEPRA029	21A3A02F		+Y BAR TENS A	33.23.03.1	
CEPRA030	21A1D02N		+Y BAR TENS B	33.23.03.1	
CEPRA031	21A3A01L	21A3E30L-21A4E03L	+Y BAR TENS C	33.23.03.1	D
CEPRA032	21A3A01M	21A3E30M-21A4E03M	+Y ADDR UNITS A	33.23.04.1	
CEPRA033	21A3A01N	21A3E30N-21A4E03N	+Y ADDR UNITS B	33.23.04.1	
CEPRA034	21A3A02A	21A3D32A-21A4D01A	+Y ADDR UNITS C	33.23.04.1	
CEPRA035	21A3A02B	21A3D32B-21A4D01B	+Y CE PRT INTERRUPT REQ	33.13.32.1	
CEPRA036	21A3A02C	21A3D31G-21A4D02G	+Y CE PRT ADAPTER REQ	33.13.32.1	
CEPRA037	21A3B02K	21A1T22A-21A3T22A	+Y HIGH SPEED START C.E.	33.32.17.1	
CEPRA038	21A3B02L	21A1T28D-21A3T28D	+Y HIGH SPEED STOP C.E.	33.32.17.1	
CEPRA039	21A1D02Q	21A1T03D-21A3T03D	+Y PRINT SCAN	33.33.03.1	
CEPRA040	21A1D02R	21A1T04B-21A3T04B	+Y PSS TR	33.33.03.1	E
CEPRA041	21A3B01E		+Y SS1	33.33.20.1	
CEPRA042	21A3B01F		+Y SS2	33.33.20.1	
CEPRA043	21A1D02K		+Y SS3	33.33.20.1	
CEPRA044	21A1D02L		+Y BAR TENS E	33.23.03.1	
CEPRA045	21A1D02M	21A3E30Q-21A4E03Q	+Y BAR TENS D	33.23.03.1	
CEPRA046	21A3A01P	21A3E30P-21A4E03P	+Y BAR 100	33.23.04.1	
CEPRA047	21A3A01Q	21A3E30R-21A4E03R	+Y ADDR UNITS E	33.23.04.1	
CEPRA048	21A3A01R	21A3D31Q-21A4D02Q	+Y ADDR UNITS D	33.23.04.1	
CEPRA049	21A3A02D	21A3D31N-21A4D02N	+Y SPACE CTRL	33.32.10.1	F
CEPRA050	21A3A02E		+Y SKIP CTRL	33.32.10.1	
CEPRA051	21A3B01H		+Y IMMED GO LATCH	33.32.13.1	
CEPRA052	21A3B01L		+Y LOW SPEED START C.E.	33.32.17.1	
CEPRA053	21A1D01Q	21A1T05C-21A3T05C	+Y LOW SPEED STOP C.E.	33.32.17.1	
CEPRA054	21A1D01R	21A1T06D-21A3T06D	+Y STL MODE	43.32.00.1	
CEPRA055	21A3B01M		+Y BURST SW ON	31.11.21.1	
CEPRA056	21A1D02P		SPARE		
CEPRA057	21A3B03L		+Y PRT COMMD STORED	33.13.11.1	
CEPRA058	21A3B03M		+Y PRT OP IN	33.13.01.1	
CEPRA059	21A3B03N	21A1T11A-21A3T11A	+Y C.E. ERROR RESET	33.33.47.1	G
CEPRA060	21A3B03B	21A3E29A-21A4E04A	SPARE		
CEPRA061	21A3A03B		SPARE		
CEPRA062	21A3A03P		SPARE		
CEPRA063	21A3A03Q	21A3E31D-21A4E02D	+Y C.E. ERROR STOP SW	33.33.47.1	
CEPRA064	21A3A03R		+Y SINGLE CYCLE MODE C.E.	33.33.03.1	
CEPRA065	21A3A03C		+Y DATA ENTER P C.E.	33.32.07.1	
CEPRA066	21A3B03K		+Y DATA ENTER O C.E.	33.32.07.1	
CEPRA067	21A3B03A		+Y DATA ENTER I C.E.	33.32.07.1	
CEPRA068	21A3B03B		+Y DATA ENTER 2 C.E.	33.32.07.1	H
CEPRA069	21A3B03C		+Y DATA ENTER 3 C.E.	33.32.07.1	
CEPRA070	21A3B03D		+Y DATA ENTER 4 C.E.	33.32.07.1	
CEPRA071	21A3B03E		+Y DATA ENTER 5 C.E.	33.32.07.1	
CEPRA072	21A3B03F		+Y DATA ENTER 6 C.E.	33.32.07.1	
CEPRA073	21A3B03G		+Y DATA ENTER 7 C.E.	33.32.07.1	
CEPRA074	21A3B03H		+Y C.E. CARRIAGE SET SW C.E.	33.32.04.1	
CEPRA075	21A3A03E	21A3E29P-21A4E04P	+Y ADDRESS SET SW C.E.	33.23.03.1	
CEPRA076	21A3A03H				
CEPRA077					J
CEPRA078					
CEPRA079					
CEPRA080	TB1-11		AC INPUT #1	38.11.06.0	
CEPRA081	TB1-2		FRAME BOND	38.11.06.0	
CEPRA082	TB1-12		AC INPUT #2	38.11.06.0	
CEPRA083 **	21A3B03J		SWITCH COMMON		
CEPRA084	CEPRA103		+3 VOLT SUPPLY		
CEPRA085 ***	21A3A02N		DATA ENTRY COMMON		
CEPRA086 *	21A3A03D		-6V REFERENCE, 3 VOLT COMMON	33.32.07.1	J
CEPRA087	21A3B02M		+Y C.E. START KEY	33.33.02.1	
CEPRA088	21A3B02N		+Y C.E. STOP KEY	33.33.01.1	
CEPRA089	21A3B02N		+Y C.E. MACH RESET	33.33.01.1	
CEPRA090	21A3B02Q		+Y NOT C.E. START KEY	33.33.02.1	
CEPRA091 **	21A3A03J		ROTARY SWITCH COMMON		
CEPRA093	21A3A03K		+Y STOR SCAN + LOAD MODE C.E.	33.33.02.1	
CEPRA094	21A3B02R		+Y PRINT + CARR MODE C.E.	33.32.06.1	
CEPRA095	21A3A03M		SPARE		
CEPRA092	21A3A03N	21A3E31L-21A4E02L	+Y OFF LINE *C.E.	33.32.07.1	
CEPRA097	21A3A02P		-Y C.E. SET BAR 100	33.23.04.1	J
CEPRA098*	21A3A03D		+3 VOLT COMMON TO LAMP		
CEPRA099	NOT USED				
CEPRA100	21A3A02M		+Y DATA ENTRY DRIVE	33.32.16.1	
CEPRA102 ***	21A3A02N	21A3E31N-21A4E02N	+Y C.E. DATA ENTER	33.33.41.1	
CEPRA103	CEPRA084		+3 VOLT INPUT TO LAMP		
CEPRA104	21A3A03A	21A3E29N-21A4E04N	-Y ADDRESS SET DRIVE C.E.	33.23.03.1	

NOTE *CEPRA086 AND CEPRA098 ARE CONNECTED THROUGH EDGE CONNECTOR
21A3A03D.
**GROUND IS CONNECTED THROUGH "J" PIN TO GROUND PLANE ON CHASSIS
***CEPRA085 AND CEPRA102 ARE CONNECTED THROUGH EDGE CONNECTOR
21A3A02N.

DATE	EC NO	DATE	EC NO	DATE	EC NO
10-26-64	121567	21 JAN66	125617		
12-10-64	121572	20 APR66	125636		
2-11-65	121594	20 APR67	125672		
6-4-65	124249	11 DEC67	131802		
4 AUG65	124270				

33.05.01.0
SHEET 2 OF 2 SHEETS

CONNECTOR PIN		2821 EDGE CONNECTOR	2821 FEEO-THROUGHS	2821 SIGNAL NAME	2821 SOURCE LOGIC
A	CEPRB001 CEPRB002 CEPRB003 CEPRB004 CEPRB005 CEPRB006 CEPRB007 CEPRB008 CEPRB009 CEPRB010 CEPRB011 CEPRB012 CEPRB013 CEPRB014 CEPRB015 CEPRB085 CEPRB087 CEPRB089 CEPRB091 CEPRB093	21A3B02A 21A3B02B 21A3B02C 21A3B02D 21A3B02E 21A3B02F 21A3B02G 21A3B02H 21A1D02A 21A1D02B 21A1D02C 21A1D02D 21A1D02E 21A1D02F 21A1D02G 21A3A02Q 21A3A02R 21A3A02H 21A3A02L 21A3A02K	21A3E31E-21A4E02E 21A3E31F-21A4E02F 21A3E31G-21A4E02G 21A3E31H-21A4E02H 21A3E31K-21A4E02K	+Y CARR CTRL REG 1 +Y CARR CTRL REG 2 +Y CARR CTRL REG 4 +Y CARR CTRL REG 8 +Y CARR BRUSH REG 1 +Y CARR BRUSH REG 2 +Y CARR BRUSH REG 4 +Y CARR BRUSH REG 8 +Y SCAN 1 CTR +Y SCAN 2 CTR +Y SCAN 4 CTR +Y SCAN 8 CTR +Y SCAN 16 CTR +Y SCAN 32 CTR SPARE -Y C.E. SET BAR TENS A -Y C.E. SET BAR TENS B -Y C.E. SET BAR TENS C -Y C.E. SET BAR TENS D -Y C.E. SET BAR TENS E	33.32.10.1 33.32.10.1 33.32.10.1 33.32.10.1 33.32.05.1 33.32.05.1 33.32.05.1 33.32.05.1 33.33.25.1 33.33.25.1 33.33.25.1 33.33.25.1 33.33.25.1 33.33.25.1 33.33.25.1 33.23.02.1 33.23.02.1 33.23.02.1 33.23.02.1 33.23.02.1
B					
C					
D					
E					
F					
G					
H					
J					

DATE	EC NO	DATE	EC NO	DATE	EC NO
10-26-64	121567	21 JAN66	125617		
12-10-64	121572	20 APR66	125636		
2-11-65	121594	20 APR67	125672		
6-4-65	124249	11 DEC67	131802		
4 AUG65	124270				

838019

C.E. SHARED PANEL CONNECTOR #1 - 1403 21A2 UCS

33.05.01.0

SHEET 1 OF 2

CONNECTOR PIN	2821 EDGE CONNECTOR	2821 FEED-THROUGHS	2821 SIGNAL NAME	2821 SOURCE LOGIC
A	CEPRA001	21A3A01A	+Y PRINT BUFFER UCB 7 BIT	33.23.05.1
	CEPRA002	21A3A01B	+Y PRINT BUFFER UCB 6 BIT	33.23.05.1
	CEPRA003	21A3A01C	+Y PRINT BUFFER UCB 5 BIT	33.23.05.1
	CEPRA004	21A3A01D	+Y PRINT BUFFER UCB 4 BIT	33.23.06.1
	CEPRA005	21A3A01E	+Y PRINT BUFFER UCB 3 BIT	33.23.06.1
	CEPRA006	21A3A01F	+Y PRINT BUFFER UCB 2 BIT	33.23.06.1
	CEPRA007	21A3A01G	+Y PRINT BUFFER UCB 1 BIT	43.34.18.1
	CEPRA008	21A3A01H	+Y PRINT BUFFER UCB 0 BIT	43.34.18.1
	CEPRA009	21A3A01K	+Y PRINT BUFFER UCB P BIT	33.23.07.1
	CEPRA010	21A3A03L	+Y PRINT COMPARE	33.33.45.1
B	CEPRA011	21A3B01A	+Y PRINT READY IND C.E.	33.33.01.1
	CEPRA012	21A1DC1N	+Y PRINT BUSY	33.13.51.1
	CEPRA013	21A3B01B	+Y PRINT GATE	33.33.02.1
	CEPRA014	21A3B01C	+Y PRINT TR	33.33.02.1
	CEPRA015	21A3B01D	+Y WRITE GATE	33.33.03.1
	CEPRA016	21A1D01A	+Y UCB 7 BIT	33.33.28.1
	CEPRA017	21A1D01B	+Y UCB 6 BIT	33.33.28.1
	CEPRA018	21A1D01C	+Y UCB 5 BIT	33.33.28.1
	CEPRA019	21A1D01D	+Y UCB 4 BIT	33.33.28.1
	CEPRA020	21A1D01E	+Y UCB 3 BIT	33.33.28.1
C	CEPRA021	21A1D01F	+Y UCB 2 BIT	33.33.28.1
	CEPRA022	21A1D01G	+Y UCB 1 BIT	33.33.28.1
	CEPRA023	21A1D01H	+Y UCB 0 BIT	33.33.28.1
	CEPRA024	21A1D01P	+Y UCB P BIT	33.33.28.1
	CEPRA025	21A1D01M	+Y CLK CTRL TR	33.33.22.1
	CEPRA026	21A1D01K	+Y TR 1	33.33.22.1
	CEPRA027	21A1D01L	+Y TR 2	33.33.22.1
	CEPRA028	21A3A02G	+Y PRINT PARITY CHECK LATCH	33.23.10.1
	CEPRA029	21A3A02F	+Y HAMMER CHECK LATCH	33.33.47.1
	CEPRA030	21A1D02N	+Y SYNC CHECK	33.33.21.1
D	CEPRA031	21A3A01L	+Y BAR TENS A	33.23.03.1
	CEPRA032	21A3A01M	+Y BAR TENS B	33.23.03.1
	CEPRA033	21A3A01N	+Y BAR TENS C	33.23.03.1
	CEPRA034	21A3A02A	+Y ADDR UNITS A	33.23.04.1
	CEPRA035	21A3A02B	+Y ADDR UNITS B	33.23.04.1
	CEPRA036	21A3A02C	+Y ADDR UNITS C	33.23.04.1
	CEPRA037	21A3B02K	+Y CE PRT INTERRUPT REQ	33.13.32.1
	CEPRA038	21A3B02L	+Y CE PRT ADAPTER REQ	33.13.32.1
	CEPRA039	21A1D02Q	+Y TENS 1 TR	43.34.25.1
	CEPRA040	21A1D02R	+Y UNITS 1 TR	43.34.25.1
E	CEPRA041	21A3B01E	+Y PRINT SCAN	33.33.03.1
	CEPRA042	21A3B01F	+Y PSS TR	33.33.00.1
	CEPRA043	21A1D02K	+Y SS1	33.33.20.1
	CEPRA044	21A1D02L	+Y SS2	33.33.20.1
	CEPRA045	21A1D02M	+Y SS3	33.33.20.1
	CEPRA046	21A3A01P	+Y BAR TENS E	33.23.03.1
	CEPRA047	21A3A01Q	+Y BAR TENS D	33.23.03.1
	CEPRA048	21A3A01R	+Y BAR 100	33.23.04.1
	CEPRA049	21A3A02D	+Y ADDR UNITS E	33.23.04.1
	CEPRA050	21A3A02E	+Y ADDR UNITS D	33.23.04.1
F	CEPRA051	21A3B01H	+Y SPACE CTRL	33.32.10.1
	CEPRA052	21A3B01K	+Y SKIP CTRL	33.32.10.1
	CEPRA053	21A3B01L	+Y IMMED GO LATCH	33.32.13.1
	CEPRA054	21A1D01Q	+Y TENS TR A	43.34.23.1
	CEPRA055	21A1D01R	+Y TENS TR B	43.34.23.1
	CEPRA056	21A3B01M	+Y STL MODE	43.32.00.1
	CEPRA057	21A1D02P	+Y BURST SW ON	31.11.21.1
	CEPRA058	21A3B03L	+Y UCB PARITY CHECK LT	43.34.37.1
	CEPRA059	21A3B03M	+Y PRT COMM STORED	33.13.11.1
	CEPRA060	21A3B03N	+Y PRT OP IN	33.13.01.1
G	CEPRA061	NOT USED	+Y C.E. ERROR RESET	33.33.47.1
	CEPRA062	21A3A03B	SPARE	
	CEPRA063	NOT USED	SPARE	
	CEPRA064	21A3A03P	SPARE	
	CEPRA065	21A3A03Q	+Y C.E. ERROR STOP SW	33.33.47.1
	CEPRA066	21A3A03R	+Y SINGLE CYCLE MODE C.E.	33.33.03.1
	CEPRA067	21A3A03C	+Y DATA ENTER P C.E.	33.32.07.1
	CEPRA068	21A3A03F	+Y DATA ENTER O C.E.	33.32.07.1
	CEPRA069	21A3B03K	+Y DATA ENTER I C.E.	33.32.07.1
	CEPRA070	21A3B03A	+Y DATA ENTER 2 C.E.	33.32.07.1
H	CEPRA071	21A3B03B	+Y DATA ENTER 3 C.E.	33.32.07.1
	CEPRA072	21A3B03C	+Y DATA ENTER 4 C.E.	33.32.07.1
	CEPRA073	21A3B03D	+Y DATA ENTER 5 C.E.	33.32.07.1
	CEPRA074	21A3B03E	+Y DATA ENTER 6 C.E.	33.32.07.1
	CEPRA075	21A3B03F	+Y DATA ENTER 7 C.E.	33.32.07.1
	CEPRA076	21A3B03G	+Y C.E. CARRIAGE SET SW C.E.	33.32.04.1
	CEPRA077	21A3B03H	+Y ADDRESS SET SW C.E.	33.23.03.1
	CEPRA078	21A3A03E	AC INPUT #1	38.11.06.0
	CEPRA079	21A3A03H	FRAME BOND	38.11.06.0
	CEPRA080	TBI-11	AC INPUT #2	38.11.06.0
I	CEPRA081	TBI-2	SWITCH COMMON	
	CEPRA082	TBI-12	+3 VOLT SUPPLY	
	CEPRA083**	21A3B03J	DATA ENTRY COMMON	
	CEPRA084	CEPRA103	-6V REFERENCE, 3 VOLT COMMON	33.32.07.1
	CEPRA085***	21A3A02N	+Y C.E. START KEY	33.33.02.1
	CEPRA086*	21A3A03D	+Y C.E. STOP KEY	33.33.01.1
	CEPRA087	21A3B02M	+Y C.E. MACH RESET	33.33.01.1
	CEPRA088	21A3B02N	+Y NOT C.E. START KEY	33.33.02.1
	CEPRA089	21A3B02P	ROTARY SWITCH COMMON	
	CEPRA090	21A3B02Q	+Y OFF LINE *C.E.	33.32.07.1
J	CEPRA091**	21A3A03J	+Y STOR SCAN + LOAD MODE C.E.	33.33.02.1
	CEPRA092	21A3A03N	+Y PRINT + CARR MODE C.E.	33.32.06.1
	CEPRA093	21A3A03K	+Y LOAD FORMAT MODE C.E.	43.34.15.1
	CEPRA094	21A3B02R	-Y C.E. SET BAR 100	33.23.04.1
	CEPRA095	21A3A03M	+3 VOLT COMMON TO LAMP	
	CEPRA096	NOT USED	+Y DATA ENTRY DRIVE	33.32.16.1
	CEPRA097	21A3A02P	+Y C.E. DATA ENTER	33.33.41.1
	CEPRA098*	21A3A03D	+3 VOLT INPUT TO LAMP	
	CEPRA099	NOT USED	-Y ADDRESS SET DRIVE C.E.	33.23.03.1
	CEPRA100	21A3A02M		
K	CEPRA101	NOT USED		
	CEPRA102***	21A3A02N		
	CEPRA103	CEPRA084		
	CEPRA104	21A3A03A		

NOTES

*CEPRA086 AND CEPRA098 ARE CONNECTED THROUGH EDGE CONNECTOR 21A3A03D.
 **GROUND IS CONNECTED THROUGH "11" PIN TO GROUND PLANE ON CHASSIS.
 ***CEPRA085 AND CEPRA102 ARE CONNECTED THROUGH EDGE CONNECTOR 21A3A02N

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10OCT66	124249				
20APR67	125655				
11DEC67	125672				
	131802				

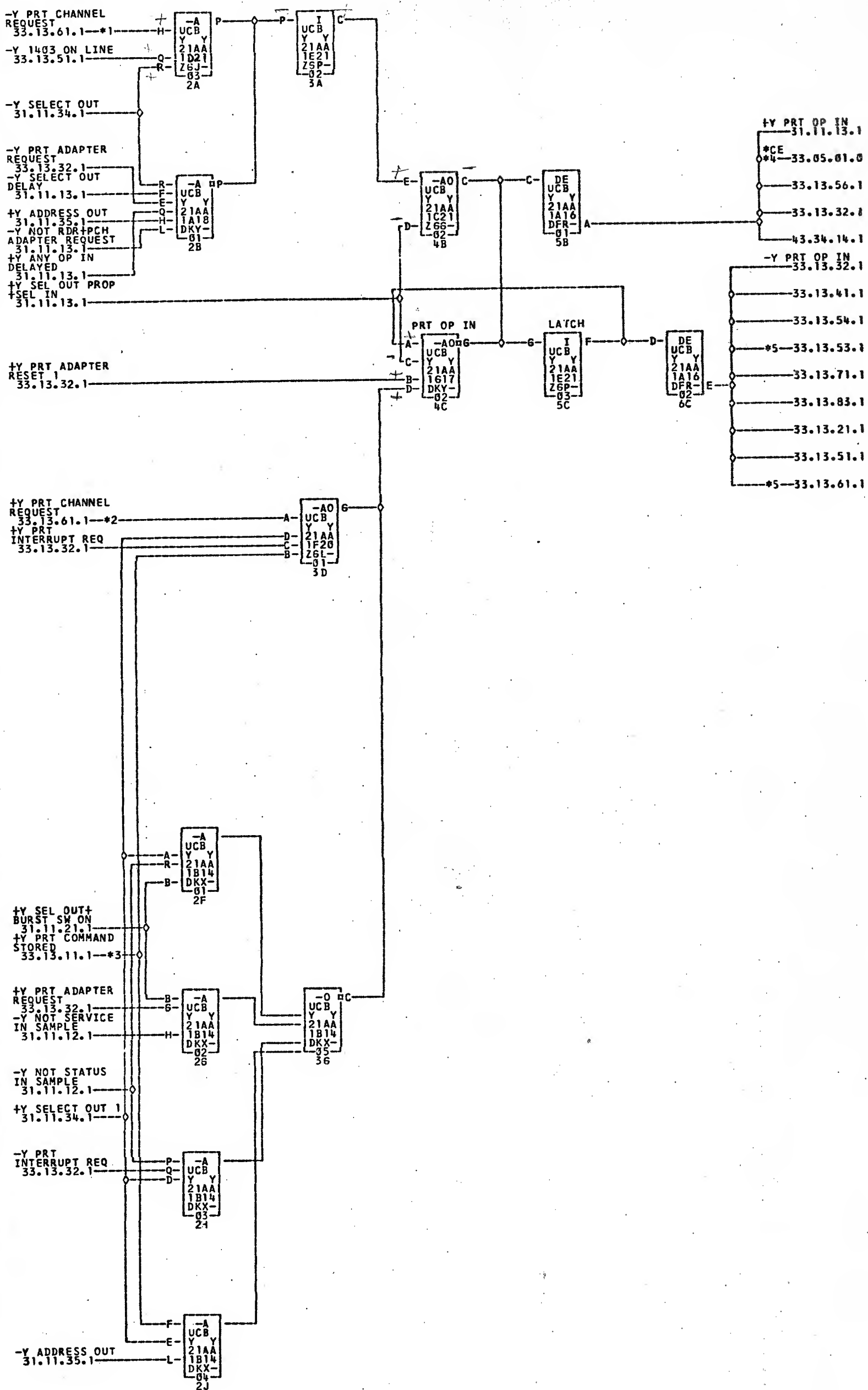
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C.E. SHARED PANEL CONNECTOR #1 - 1403 21A2 UCS

33.05.01.0
SHEET 2 OF 2

CONNECTOR PIN	2821 EDGE CONNECTOR	2821 FEED-THROUGHS	2821 SIGNAL NAME	2821 SOURCE LOGIC	
A	CEPRB001	21A3B02A	+Y CARR CTRL REG 1	33.32.10.1	A
	CEPRB002	21A3B02B	+Y CARR CTRL REG 2	33.32.10.1	
	CEPRB003	21A3B02C	+Y CARR CTRL REG 4	33.32.10.1	
	CEPRB004	21A3B02D	+Y CARR CTRL REG 8	33.32.10.1	
	CEPRB005	21A3B02E	+Y CARR BRUSH REG 1	33.32.05.1	
	CEPRB006	21A3B02F	+Y CARR BRUSH REG 2	33.32.05.1	
	CEPRB007	21A3B02G	+Y CARR BRUSH REG 4	33.32.05.1	
	CEPRB008	21A3B02H	+Y CARR BRUSH REG 8	33.32.05.1	
	CEPRB009	21AID02A	+Y TENS TR E	43.34.23.1	
	CEPRB010	21AID02B	+Y TENS TR D	43.34.23.1	
	CEPRB011	21AID02C	+Y TENS TR C	43.34.23.1	B
	CEPRB012	21AID02D	+Y UNITS TR A	43.34.21.1	
	CEPRB013	21AID02E	+Y UNITS TR B	43.34.21.1	
	CEPRB014	21AID02F	+Y UNITS TR C	43.34.21.1	
	CEPRB015	21AID02G	+Y UNITS TR D	43.34.21.1	
	CEPRB016	NOT USED			
	CEPRB017	NOT USED			
	CEPRB018	NOT USED			
	CEPRB019	NOT USED			
	CEPRB020	NOT USED			
B	CEPRB021	NOT USED			C
	CEPRB022	NOT USED			
	CEPRB023	NOT USED			
	CEPRB024	NOT USED			
	CEPRB025	NOT USED			
	CEPRB026	NOT USED			
	CEPRB027	NOT USED			
	CEPRB028	NOT USED			
	CEPRB029	NOT USED			
	CEPRB030	NOT USED			
	CEPRB031	NOT USED			D
	CEPRB032	NOT USED			
	CEPRB033	NOT USED			
	CEPRB034	NOT USED			
	CEPRB035	NOT USED			
	CEPRB036	NOT USED			
	CEPRB037	NOT USED			
	CEPRB038	NOT USED			
	CEPRB039	NOT USED			
	CEPRB040	NOT USED			
	CEPRB041	NOT USED			E
	CEPRB042	NOT USED			
	CEPRB043	NOT USED			
	CEPRB044	NOT USED			
	CEPRB045	NOT USED			
	CEPRB046	NOT USED			
	CEPRB047	NOT USED			
	CEPRB048	NOT USED			
	CEPRB049	NOT USED			
	CEPRB050	NOT USED			
	CEPRB051	NOT USED			F
	CEPRB052	NOT USED			
	CEPRB053	NOT USED			
	CEPRB054	NOT USED			
	CEPRB055	NOT USED			
	CEPRB056	NOT USED			
	CEPRB057	NOT USED			
	CEPRB058	NOT USED			
	CEPRB059	NOT USED			
	CEPRB060	NOT USED			
	CEPRB061	NOT USED			G
	CEPRB062	NOT USED			
	CEPRB063	NOT USED			
	CEPRB064	NOT USED			
	CEPRB065	NOT USED			
	CEPRB066	NOT USED			
	CEPRB067	NOT USED			
	CEPRB068	NOT USED			
	CEPRB069	NOT USED			
	CEPRB070	NOT USED			
	CEPRB071	NOT USED			H
	CEPRB072	NOT USED			
	CEPRB073	NOT USED			
	CEPRB074	NOT USED			
	CEPRB075	NOT USED			
	CEPRB076	NOT USED			
	CEPRB077	NOT USED			
	CEPRB078	NOT USED			
	CEPRB079	NOT USED			
	CEPRB080	NOT USED			
	CEPRB081	NOT USED			J
	CEPRB082	NOT USED			
	CEPRB083	NOT USED			
	CEPRB084	NOT USED			
	CEPRB085	21A3A02Q	-Y C.E. SET BAR TENS A	33.23.02.1	
	CEPRB086	NOT USED			
	CEPRB087	21A3A02R	-Y C.E. SET BAR TENS B	33.23.02.1	
	CEPRB088	NOT USED			
	CEPRB089	21A3A02H	-Y C.E. SET BAR TENS C	33.23.02.1	
	CEPRB090	NOT USED			
	CEPRB091	21A3A02L	-Y C.E. SET BAR TENS D	33.23.02.1	
	CEPRB092	NOT USED			
	CEPRB093	21A3A02K	-Y C.E. SET BAR TENS E	33.32.02.1	
	CEPRB094	NOT USED			J
	CEPRB095	NOT USED			
	CEPRB096	NOT USED			
	CEPRB097	NOT USED			
	CEPRB098	NOT USED			
	CEPRB099	NOT USED			
	CEPRB100	NOT USED			
	CEPRB101	NOT USED			
	CEPRB102	NOT USED			
	CEPRB103	NOT USED			
	CEPRB104	NOT USED			

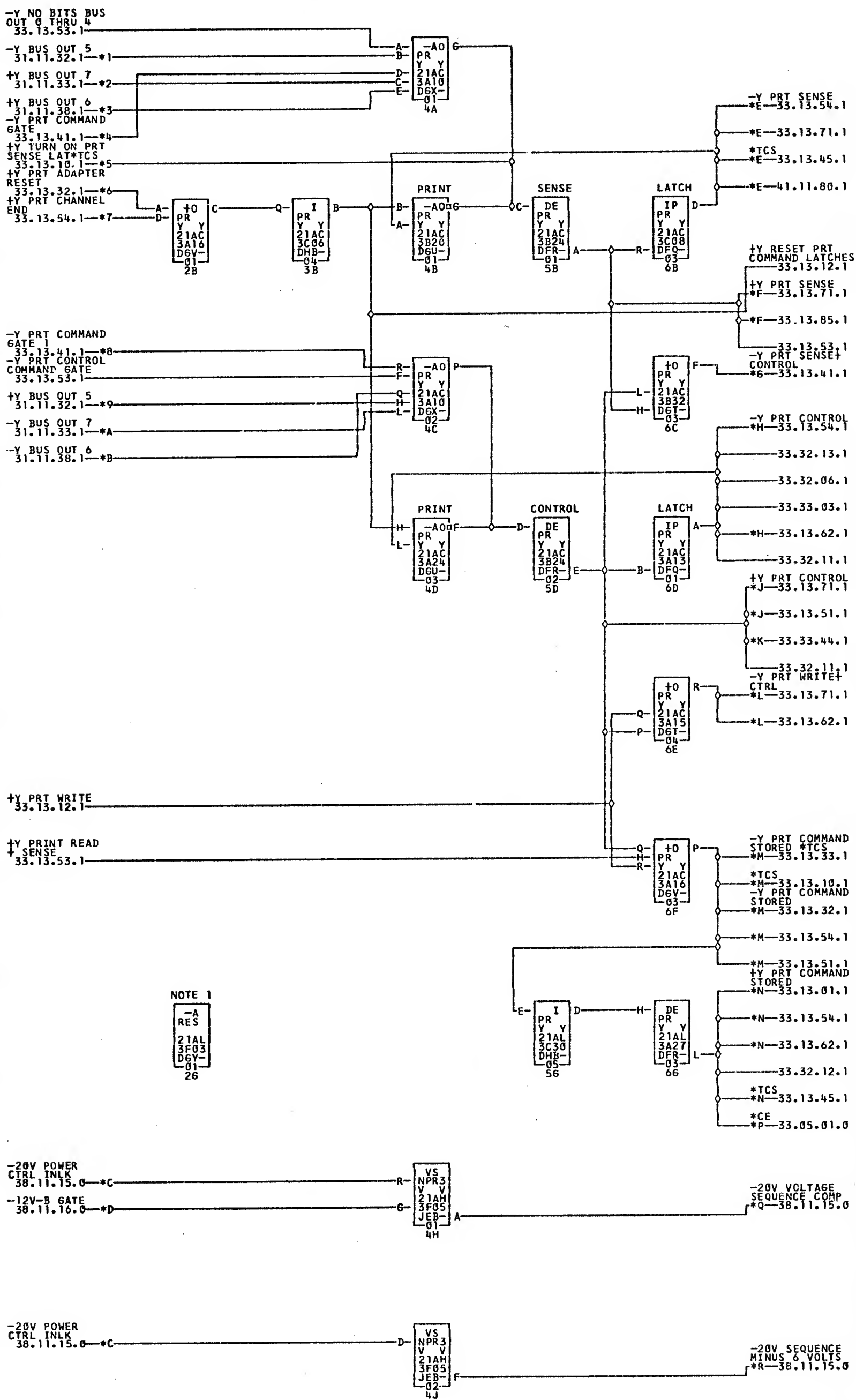
DATE	EC NO	DATE	EC NO	DATE	EC NO
10OCT66	124249				
20APR67	125655				
11DEC67	125672				
	131802				

*1-21A1T15A
21A3B03N*5-21A3T15A
21A1T16C*2-21A1T15B
21A3T16C

*3-21A1T14D

*4-21A1T11A

21A3T11A



*1-21A3T20B
*7-21A3T01B
*D-A3TBA-10
21A1T13D
21A4D03F
21A1T14D

*2-21A3T21A
*8-21A3T28A
*E-21A3T12D
*H-21A3T13B
*L-21A3T16A
*P-21A3B03M

*3-21A3T20C
*9-21A3T20A
21A1T12D
21A1T13B
21A1T16A
CEPRA059

*4-21A3T01C
*A-21A3T21B
*F-21A3T07B
*J-21A3T07C
*M-21A3T14A
*Q-A3TBA-09

*5-21A3T32A
*B-21A3T20D
21A1T07B
21A1T07C
21A1T14A
*R-A3TBA-12

*6-21A3T01A
*C-A3TBA-11
*G-21A3T13D
*K-21A3D30F
*N-21A3T30F

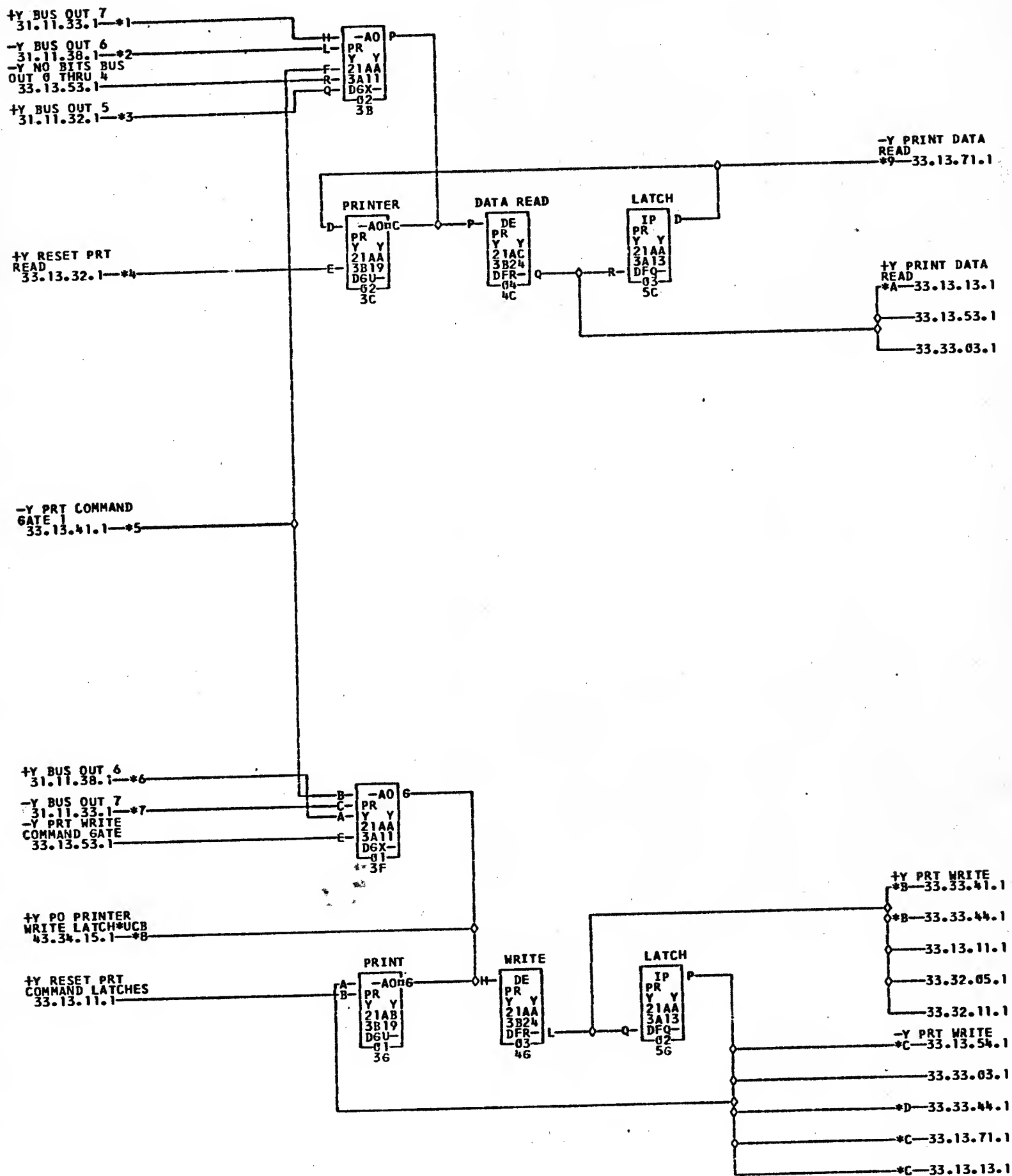
COMMENTS
MDM.4000-4080-4180-4400-4480-4580
NOTE1 THIS SOCKET IS RESERVED FOR
R+S METERING.

TAG DATE E.C.NO.
A 08-31-64 121550H
E 01-21-65 121589
J 11-18-65 125601

TAG DATE E.C.NO.
B 10-15-64 121567
F 03-18-65 121598
K 01-20-66 125517

TAG DATE E.C.NO.
C 11-10-64 121572
G 06-22-65 124265
L 12-16-66 125656

TAG DATE E.C.NO.
D 12-18-64 121583
H 08-18-65 124270
M 04-20-67 125672



*1-21A3T21A
*2-21A3T21B
*3-21A3D31R

*4-21A3T20D
*5-21A3T24A
*6-21A4D02R

*7-21A3T20A
*8-21A3T09A
*9-21A3T13A

*10-21A3T08A
*11-21A1T09A
*12-21A1T13A

*13-21A3T28A
*14-21A3T10D
*15-21A3D30G

*16-21A3T20C
*17-21A1T10D
*18-21A4D03G

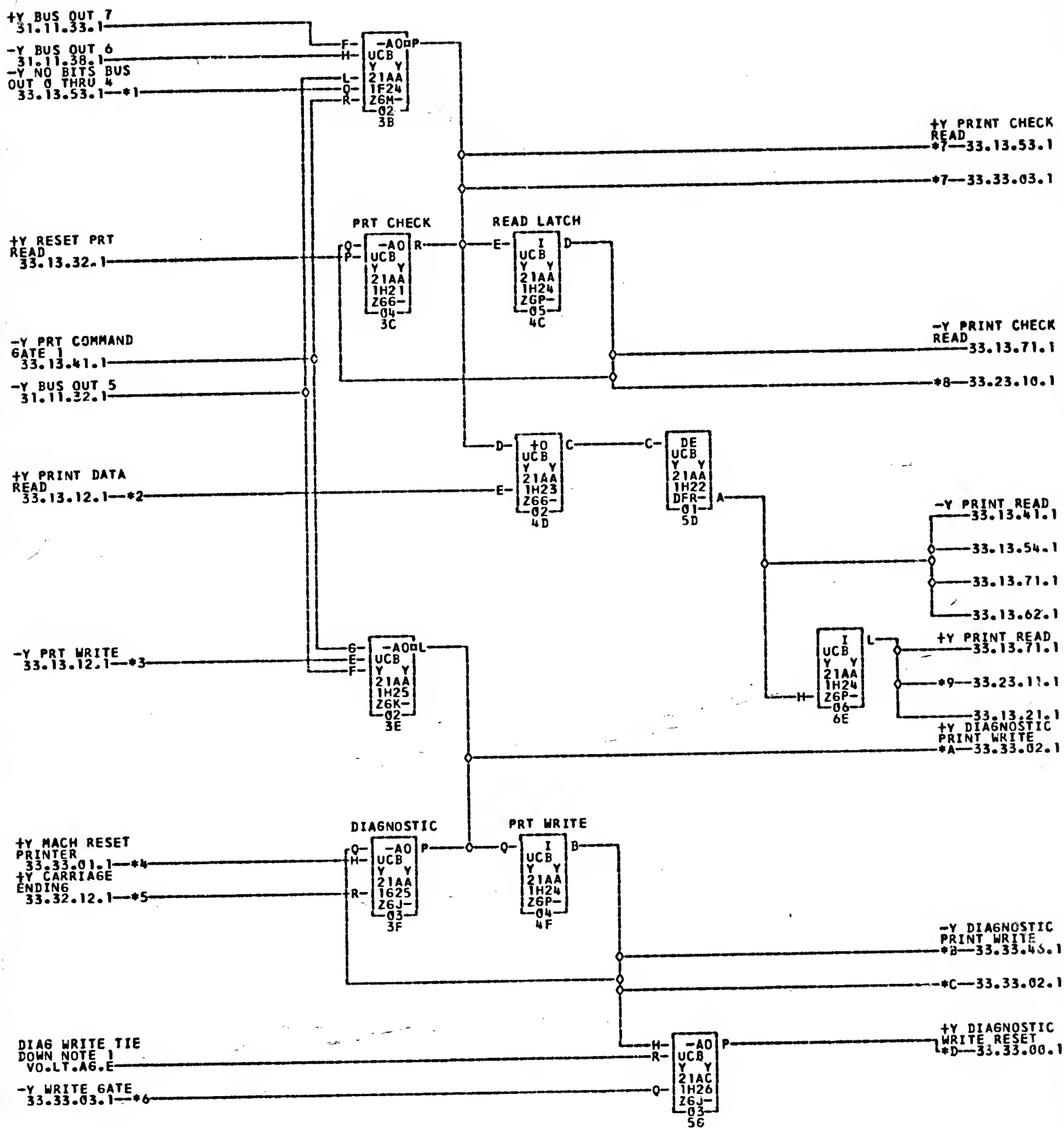
COMMENTS
MDM.4080-4180-4480-4580

TAG DATE E.C.NO.
A 08-31-64 121550H
E 12-16-66 125656

TAG DATE E.C.NO.
B 11-10-64 121572

TAG DATE E.C.NO.
C 12-18-64 121583

TAG DATE E.C.NO.
D 03-10-66 125633



*1-21A1T29D
*7-21A1T10B
*A-21A1T32D
*D-21A1T11C

*2-21A1T10D
21A3T10B
21A3T32D
21A3T11C

*3-21A1T13A
*8-21A1H31A
*B-21A1H31R

*4-21A1T26B
21A4A04A
21A4A04R

*5-21A1T10A
*9-21A1H31B
*C-21A1T11B

*6-21A1T11D
21A4A04B
21A3T11B

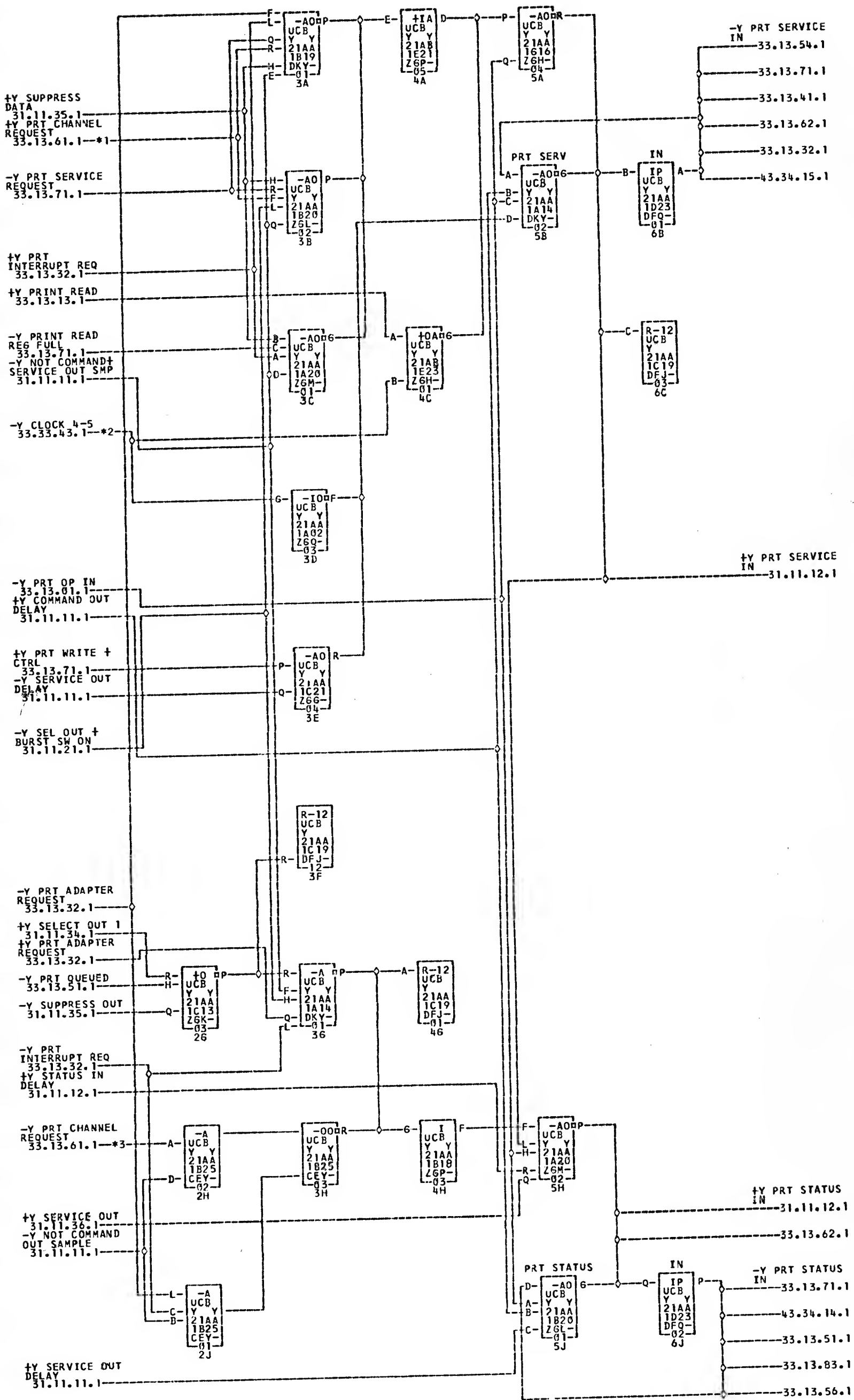
COMMENTS
NOTE 1—JUMPER H26R TO H26J TO ALLOW
DIAGNOSTIC WRITE TO BE PERFORMED AT MAX
SPEED WITHOUT WAITING FOR THE HOME PULSE
BEFORE STARTING THE PRINT SCAN.

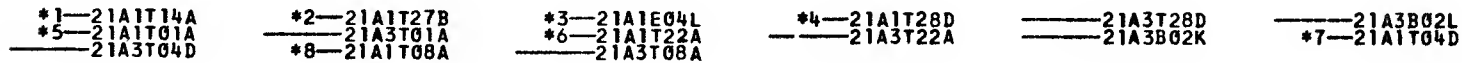
TAG DATE E.C.NO.
A 02-17-65 121570M

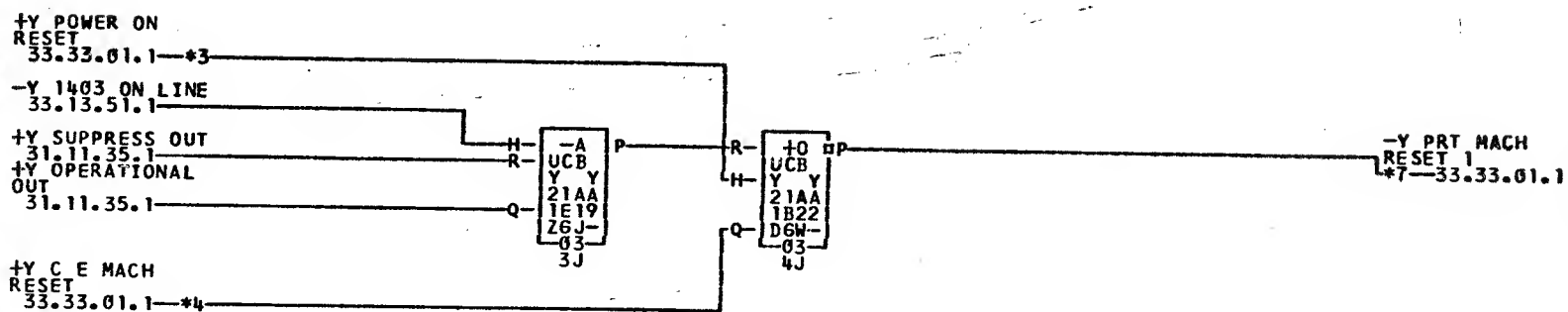
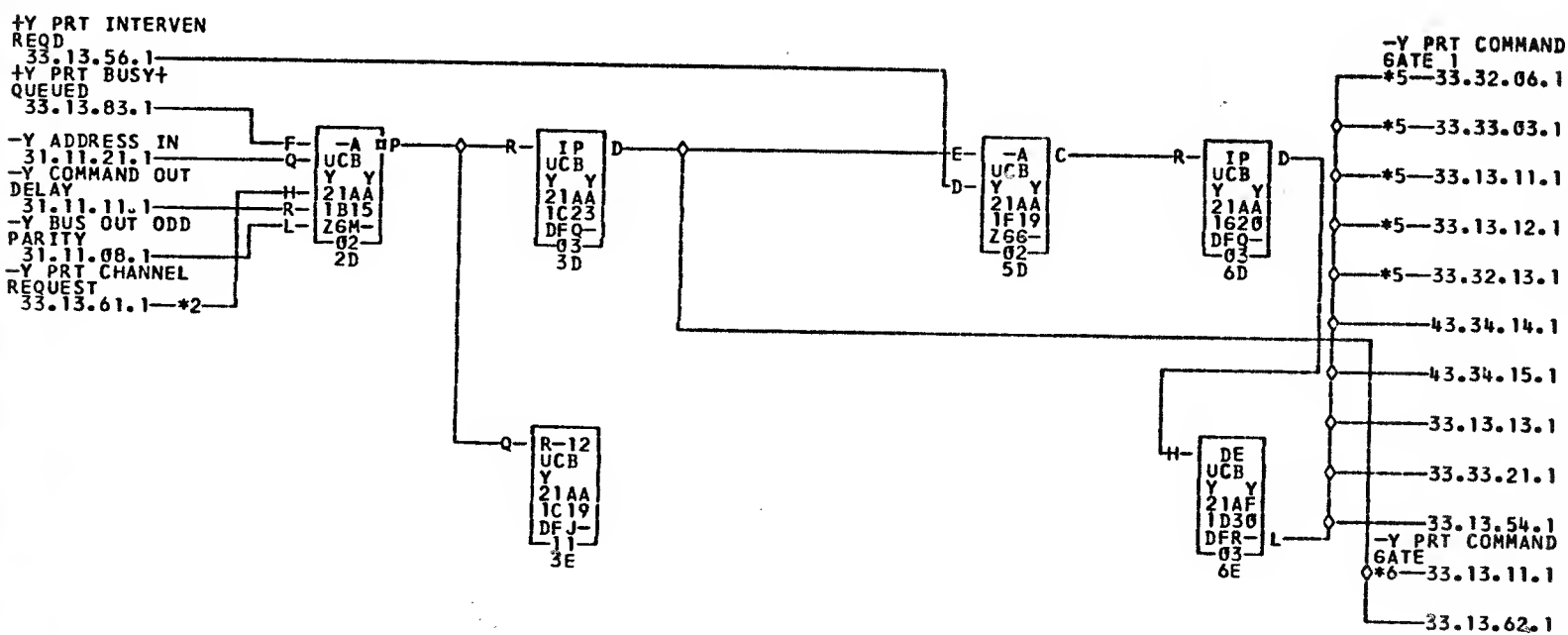
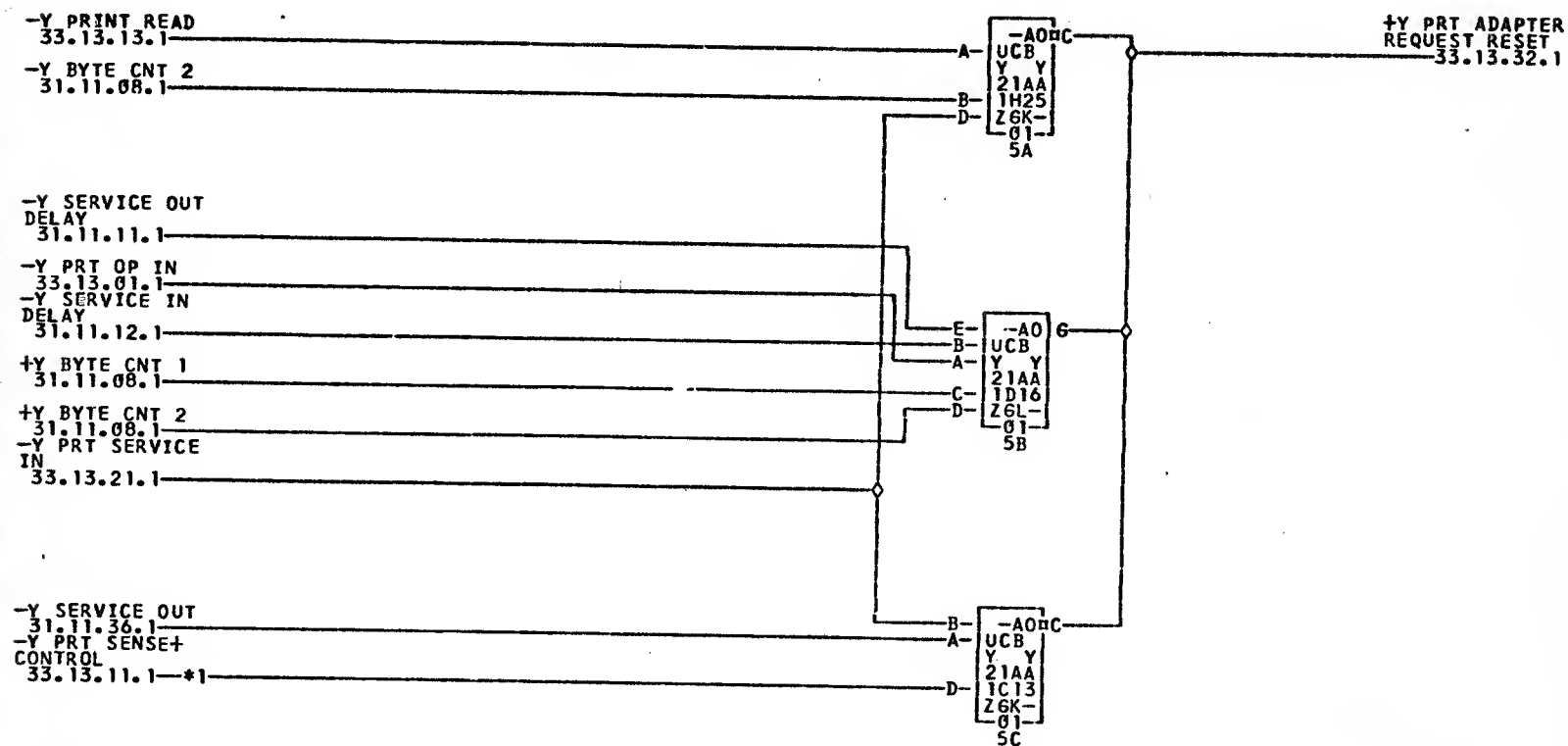
TAG DATE E.C.NO.
B 03-18-65 121598

TAG DATE E.C.NO.
C 08-19-65 124270

TAG DATE E.C.NO.
D 10-11-65 125598







*1-21A1T13D
*6-21A1T01C

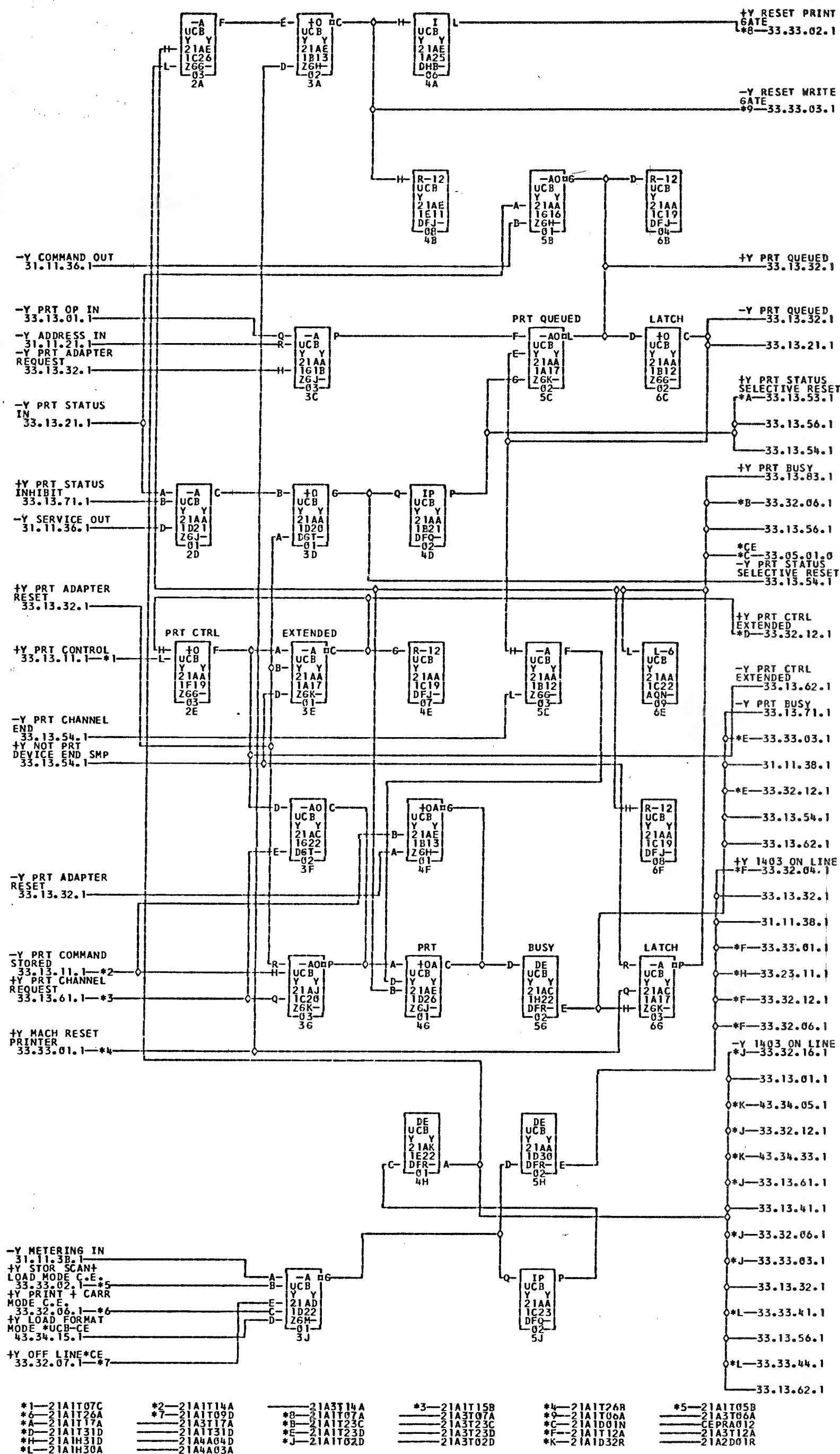
*2-21A1T15A
21A3T01C

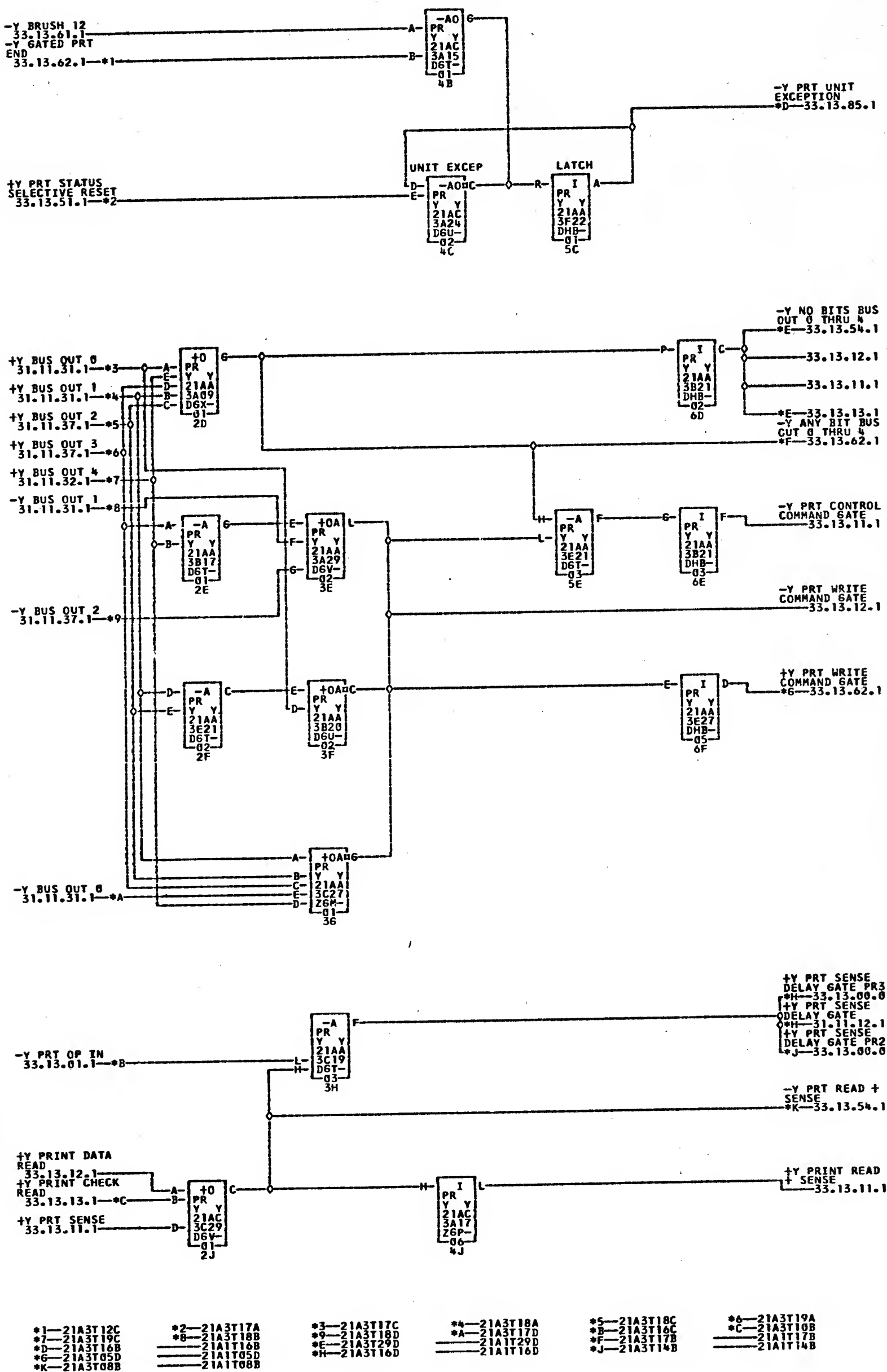
*3-21A1T04A
*7-21A1T30C

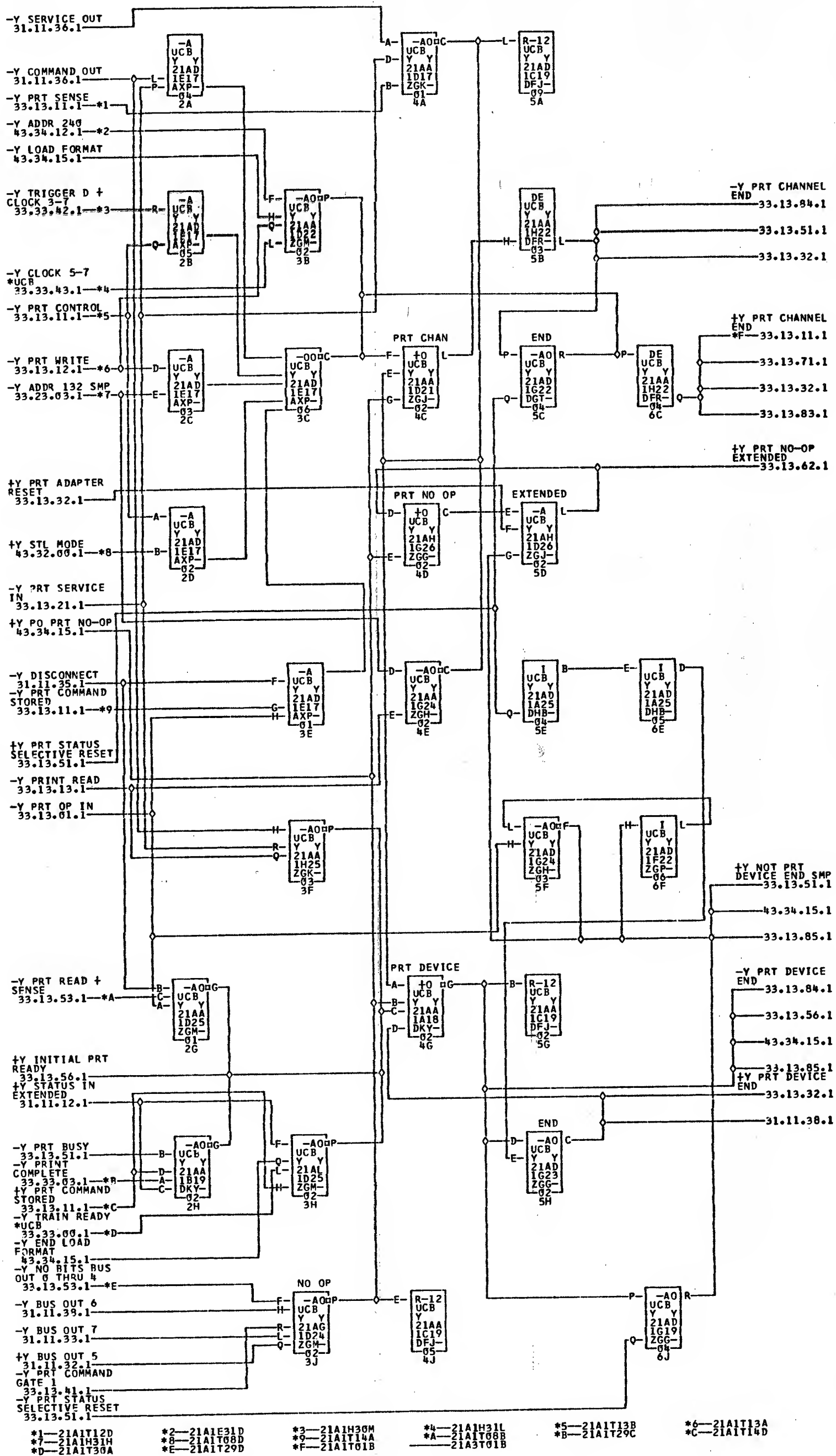
*4-21A1T30D
21A3T30C

*5-21A1T28A

21A3T28A



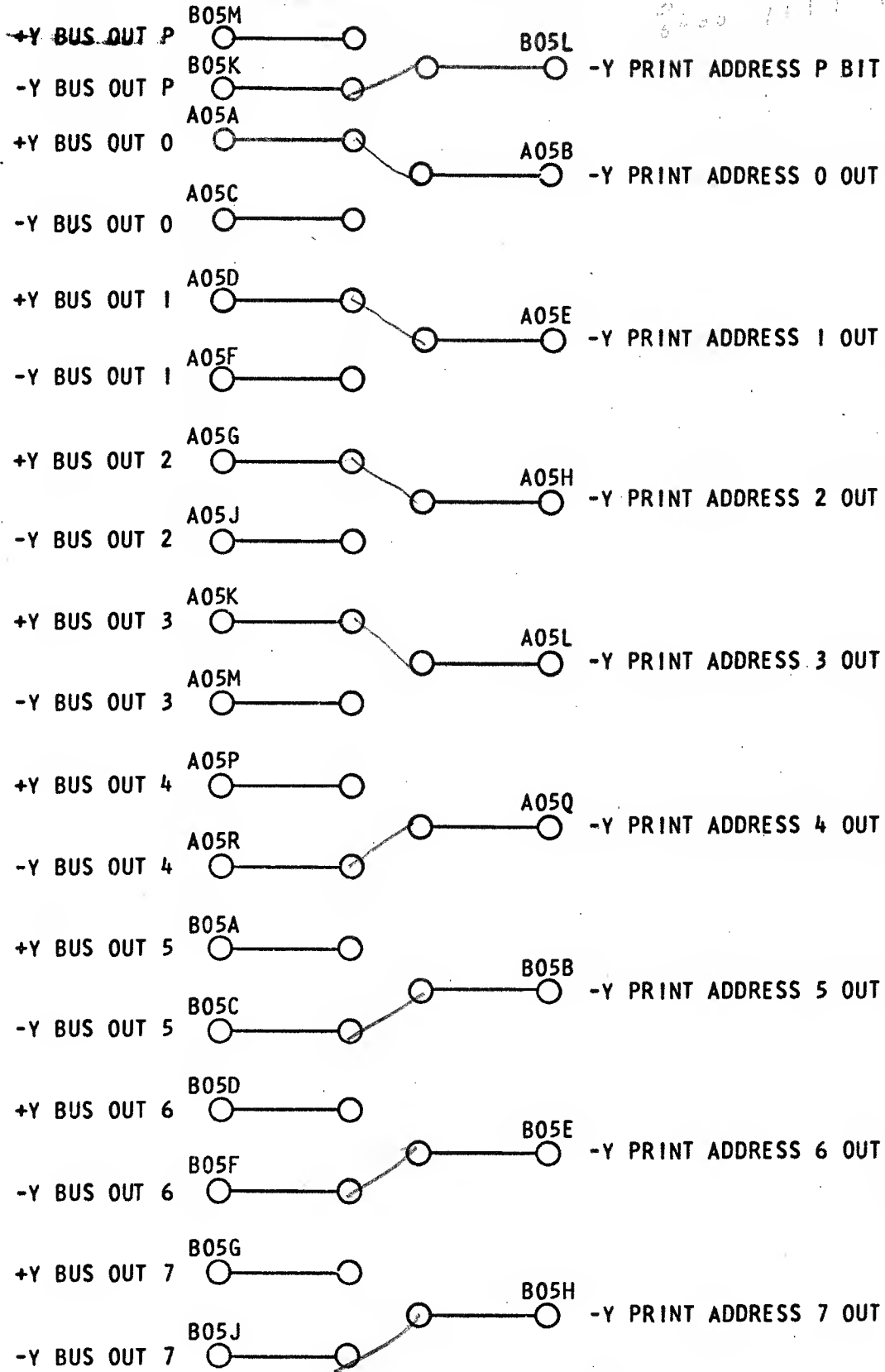




826844

PRINT ADDRESS (PLUGGABLE CARD)

33.13.61.0



CHASSIS 21A3
SEE = LOGIC = 33.13.61.J = LOCATIONS = 2A = 2B = 2C = AND = 2D

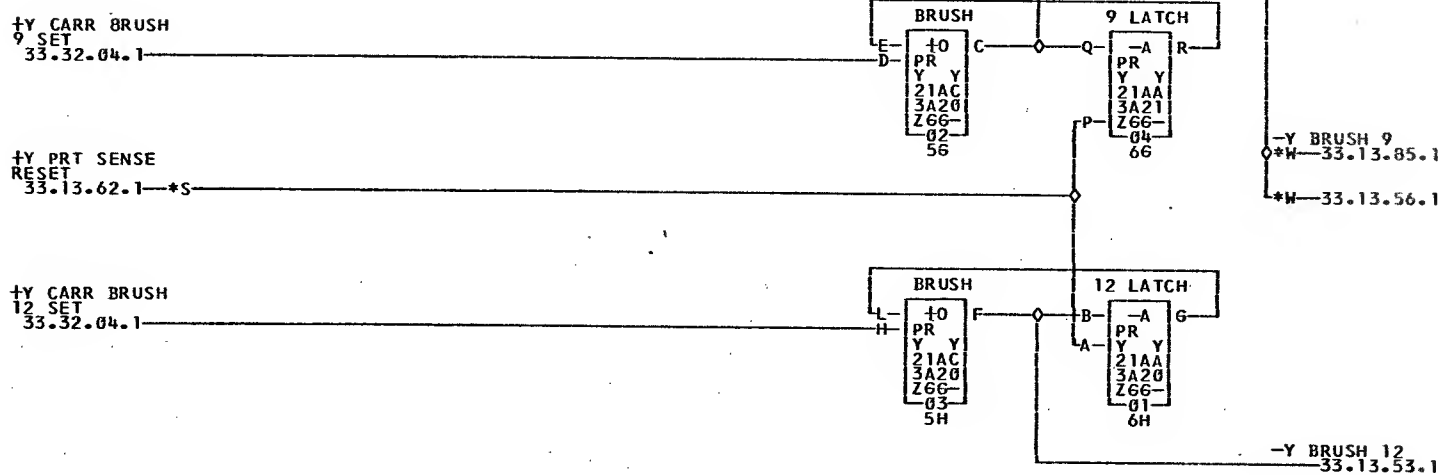
TO RECOGNIZE CORRECT ADDRESS

FOR THOSE BITS WHICH SHOULD BE
PRESENT = JUMPER:
-Y BUS OUT TO -Y PRT ADD OUT.

FOR THOSE BITS WHICH SHOULD NOT
BE PRESENT = JUMPER:
+Y BUS OUT TO -Y PRT ADD OUT.

THIS CARD NOT REQUIRED ON TWO
CHANNEL SWITCH FEATURE.

DATE	EC NO	DATE	EC NO	DATE	EC NO
9-10-64	121550-H	23MAR66	125634		
12-15-64	121572	11DEC67	131802		
19AUG65	124270				
21JAN66	125617				



TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	08-31-64	121555H	B	10-15-64	121567	C	11-10-64	121572	D	12-18-64	121583
E	02-15-65	121594	F	08-18-65	124270	G	11-18-65	125601	H	04-20-67	125672

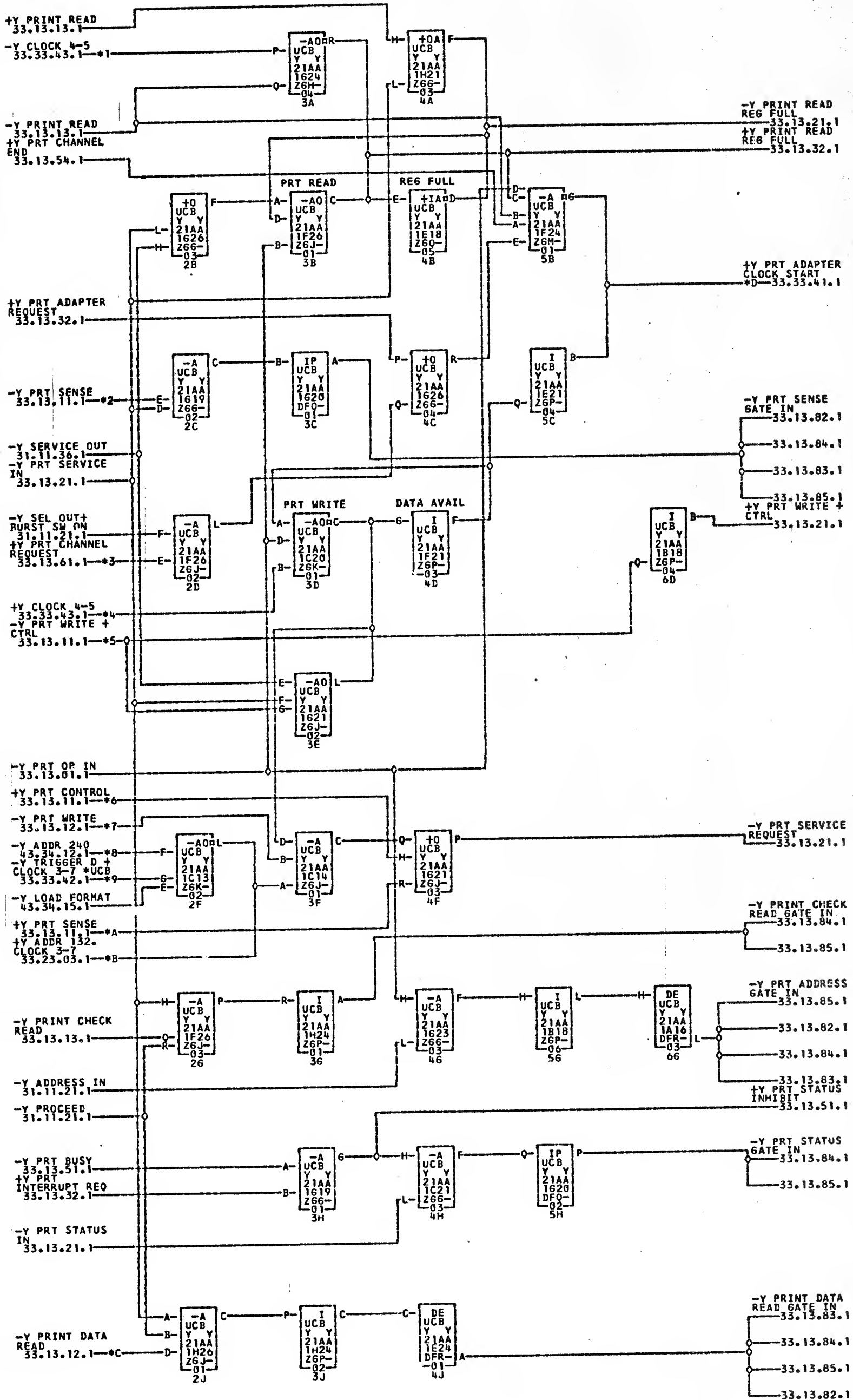


0837875

PRINT CONTROL GATES

2821UCB

33.13.71.1



*1-21A1H31K
*7-21A1T13A
*D-21A1H30E

*2-21A1T12D
*8-21A1E31D
21A4A03E

*3-21A1T15B
*9-21A1H30M

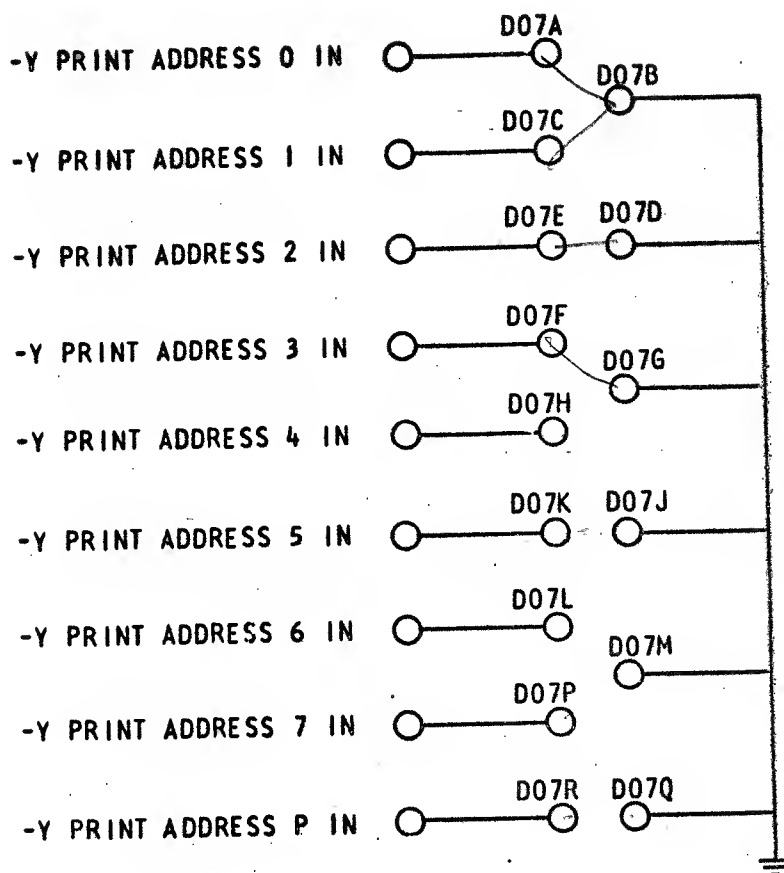
*4-21A1H31N
*A-21A1T07B

*5-21A1T16A
*B-21A1H30L

*6-21A1T07C
*C-21A1T09A

COMMENTS

TAG DATE E.C.NO. TAG DATE E.C.NO. TAG DATE E.C.NO. TAG DATE E.C.NO.
A 02-17-65 121570M B 03-18-65 121598



CHASIS 21A1
33.13.82.1

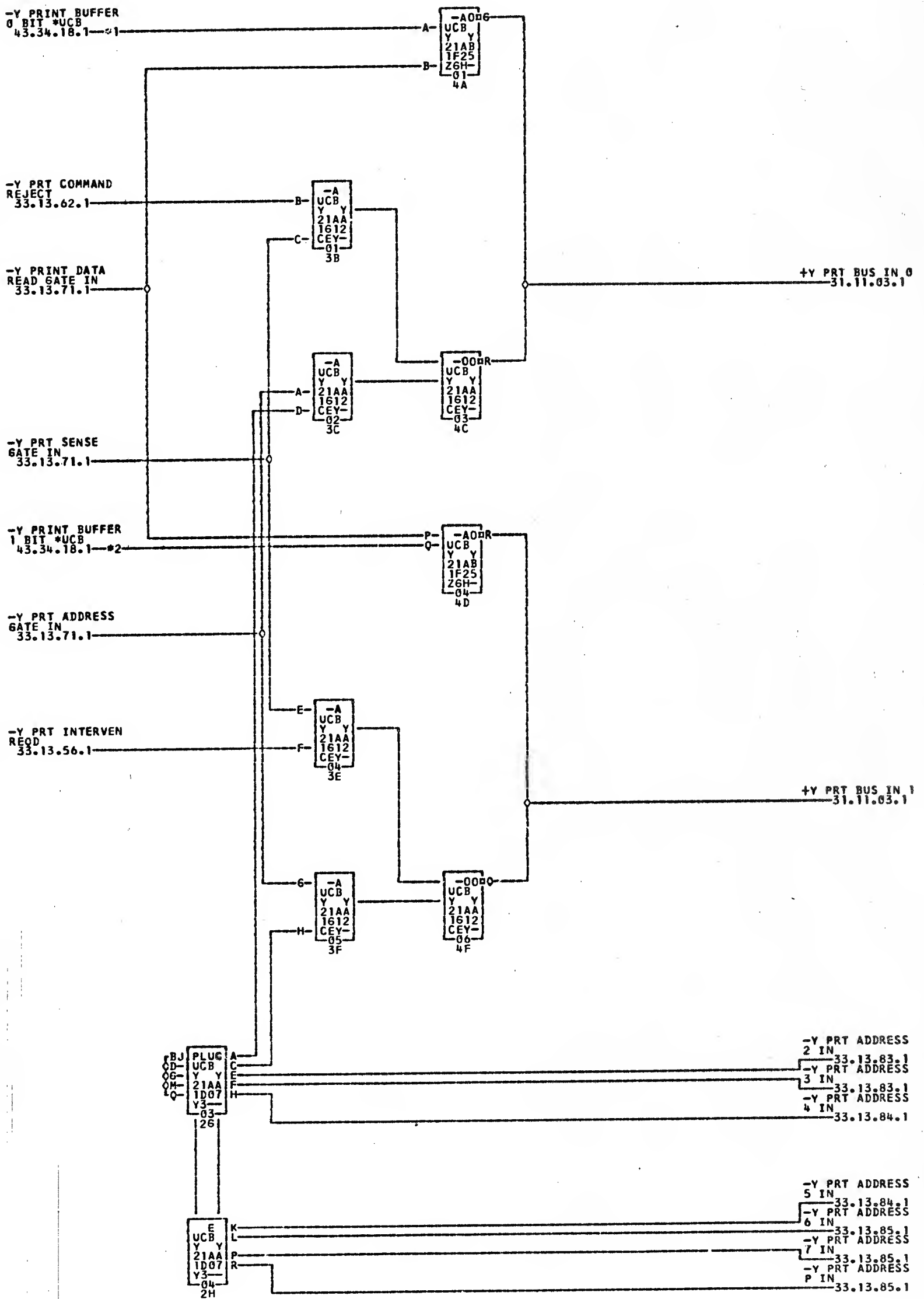
TO GENERATE ADDRESS:

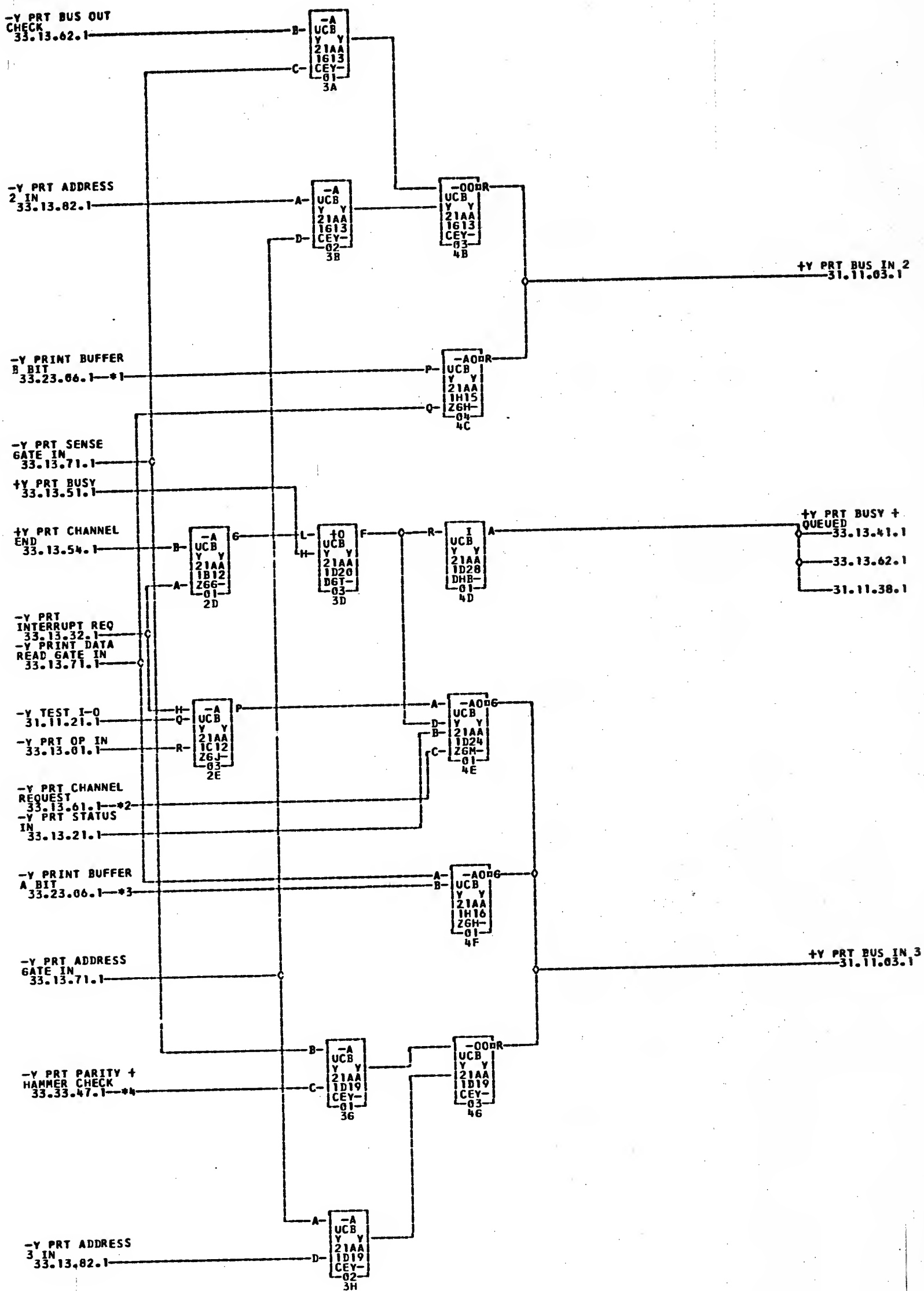
ALLOW -Y PRT ADDRESS IN LINES TO FLOAT
FOR THOSE BITS WHICH SHOULD BE PRESENT

JUMPER OTHER LINES TO GROUND

216259 MALE CONTACT STRIP TO BE USED
FOR JUMPERING.

DATE	EC NO	DATE	EC NO	DATE	EC NO
9-10-64	121550F				



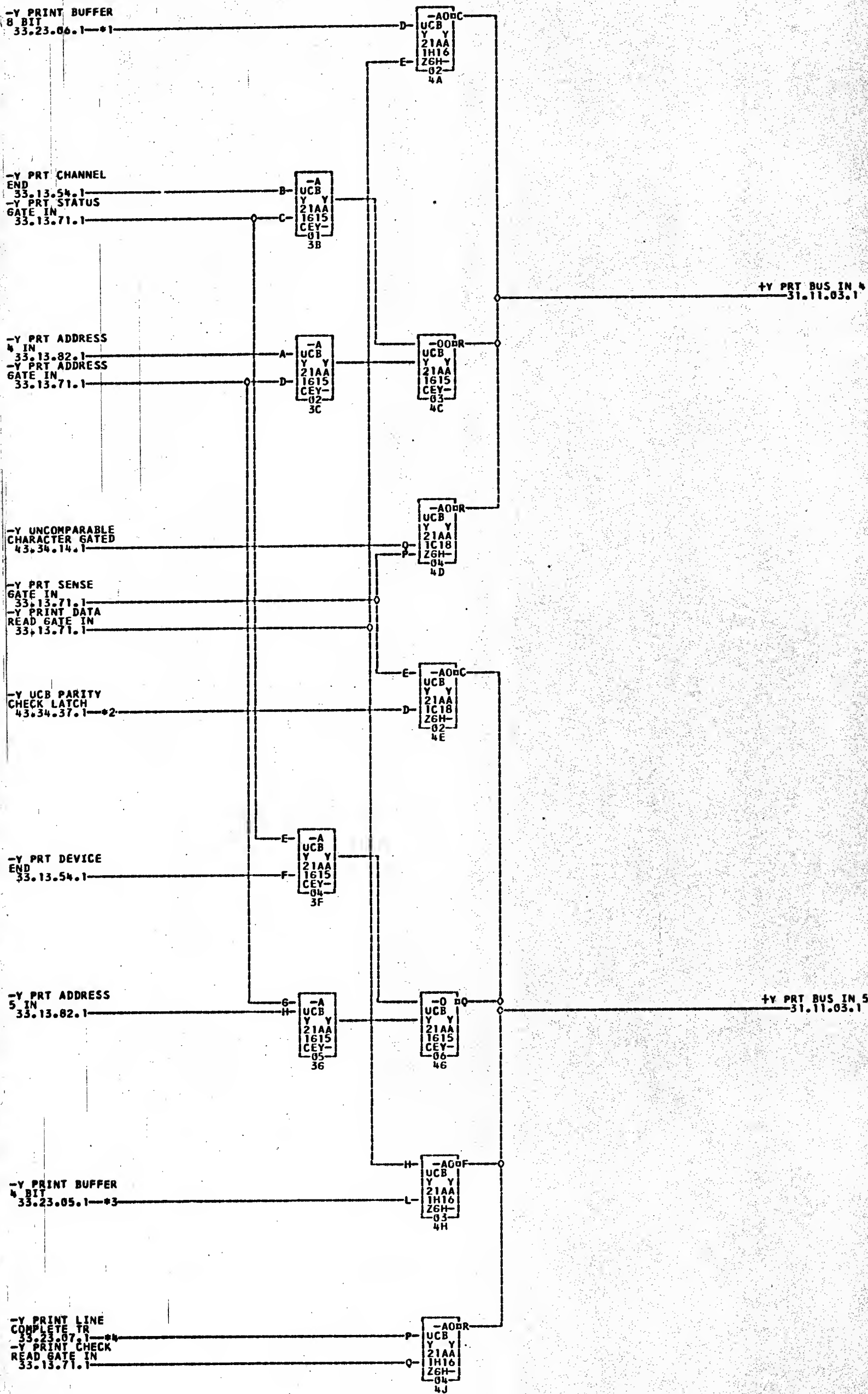


#1--21A1H28N

***2-21A1T15A**

***3--21A1H28M**

***4--21A1H36K**



#1-21A1H28L

#2-21A1D31Q

#3-21A1H28K

#4-21A1H30Q

COMMENTS

TAG DATE E.C.NO. TAG DATE E.C.NO.

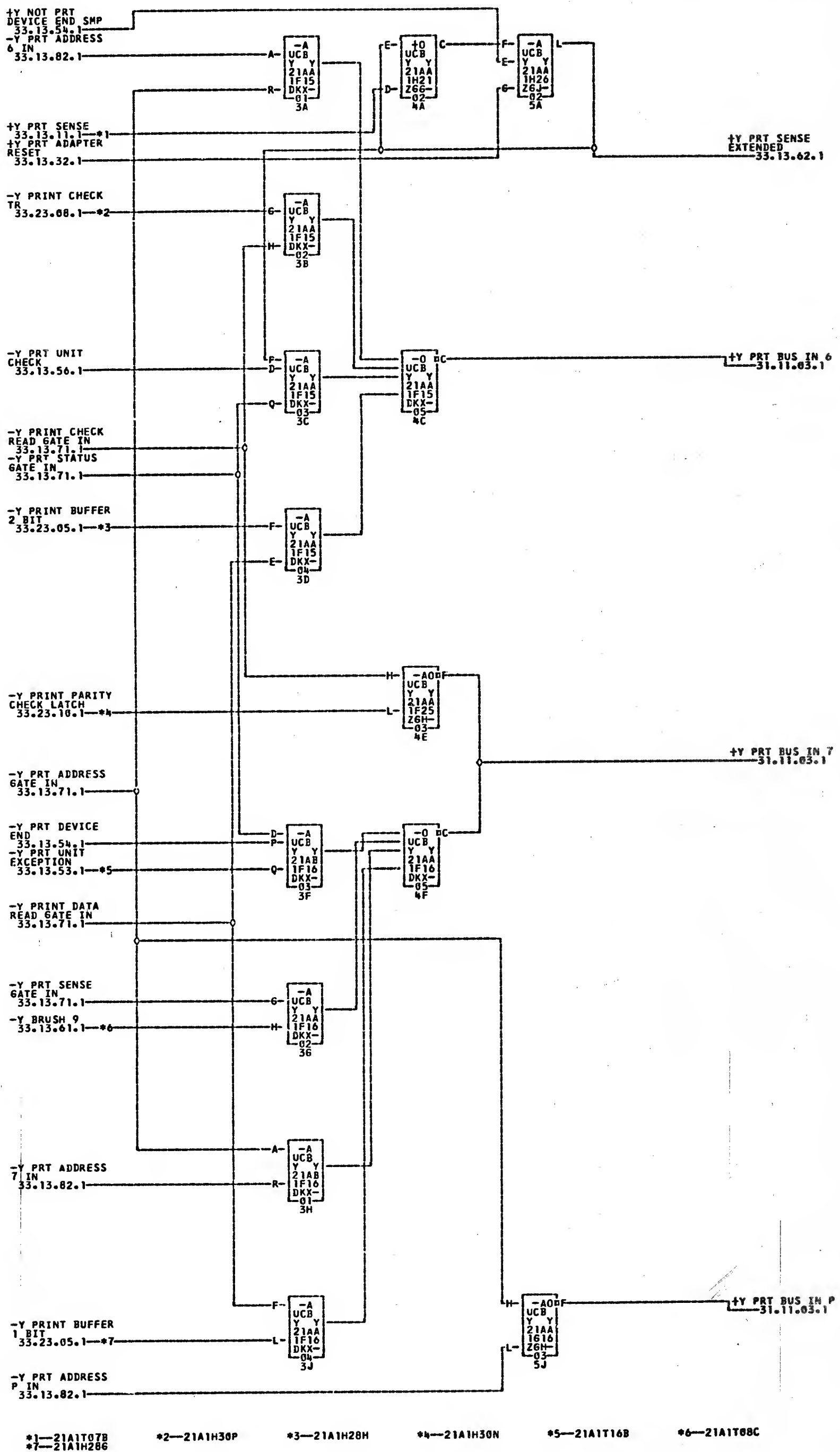
A 02-17-65 121570M B 02-15-66 125632

TAG DATE E.C.NO.

TAG DATE E.C.NO.

TAG DATE E.C.NO.

TAG DATE E.C.NO.



*1--21A1T07B
*7--21A1H286

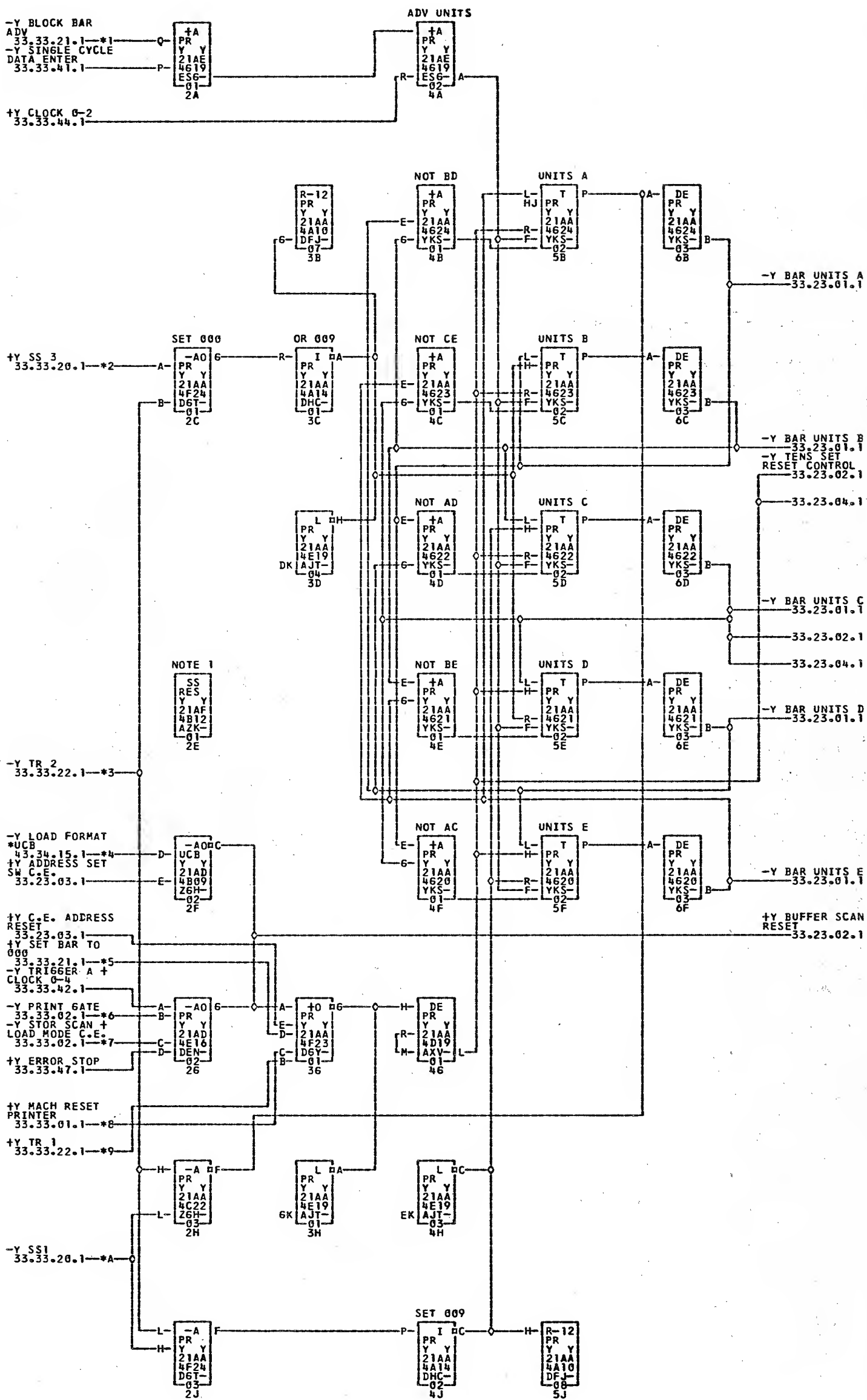
***2--21A1H30P**

***3—21A1H28H**

*4--21A1H30N

***5--21A1T16B**

***6--21A1T68C**



*1—21A4A02A
*7—21A4D03R

*2—21A4A02B
*8—21A4D02F

*3—21A4A02F
*9—21A4A02E

*4—21A4A01A
*A—21A4A026

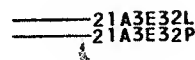
*5—21A4A02D

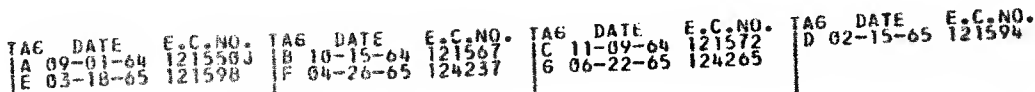
*6—21A4D02B

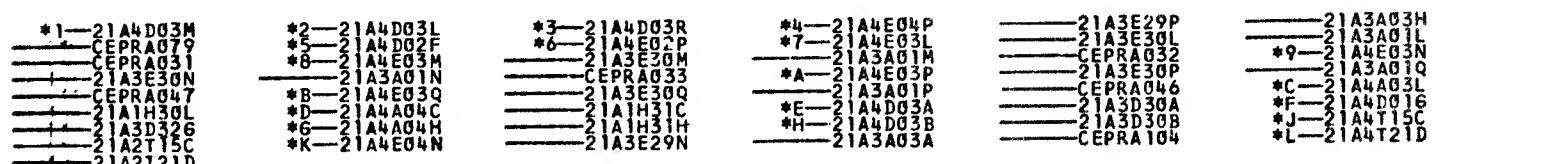
COMMENTS
FSD-406-407-432
NOTE: THIS SOCKET RESERVED FOR
RFS METERING

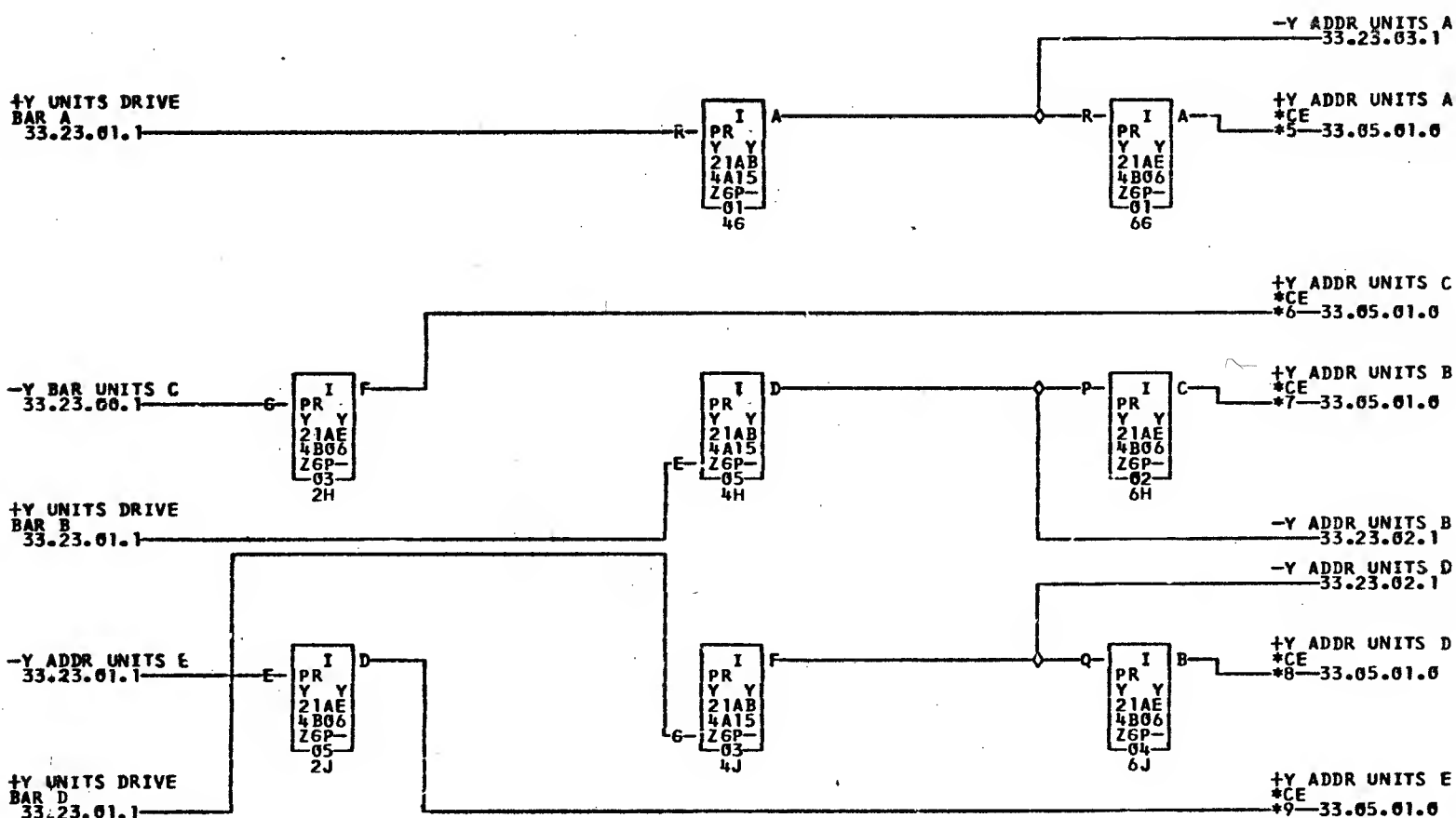
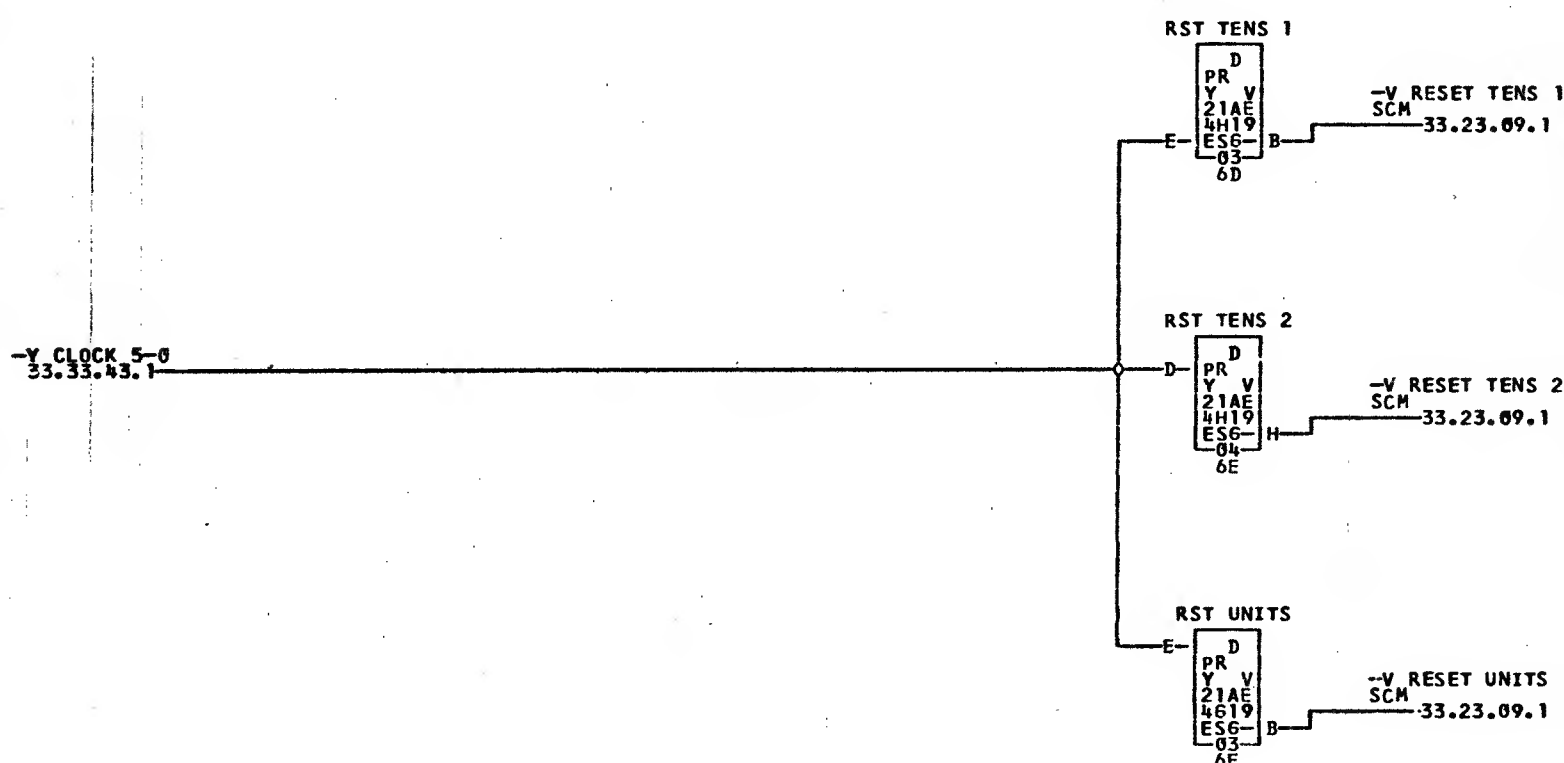
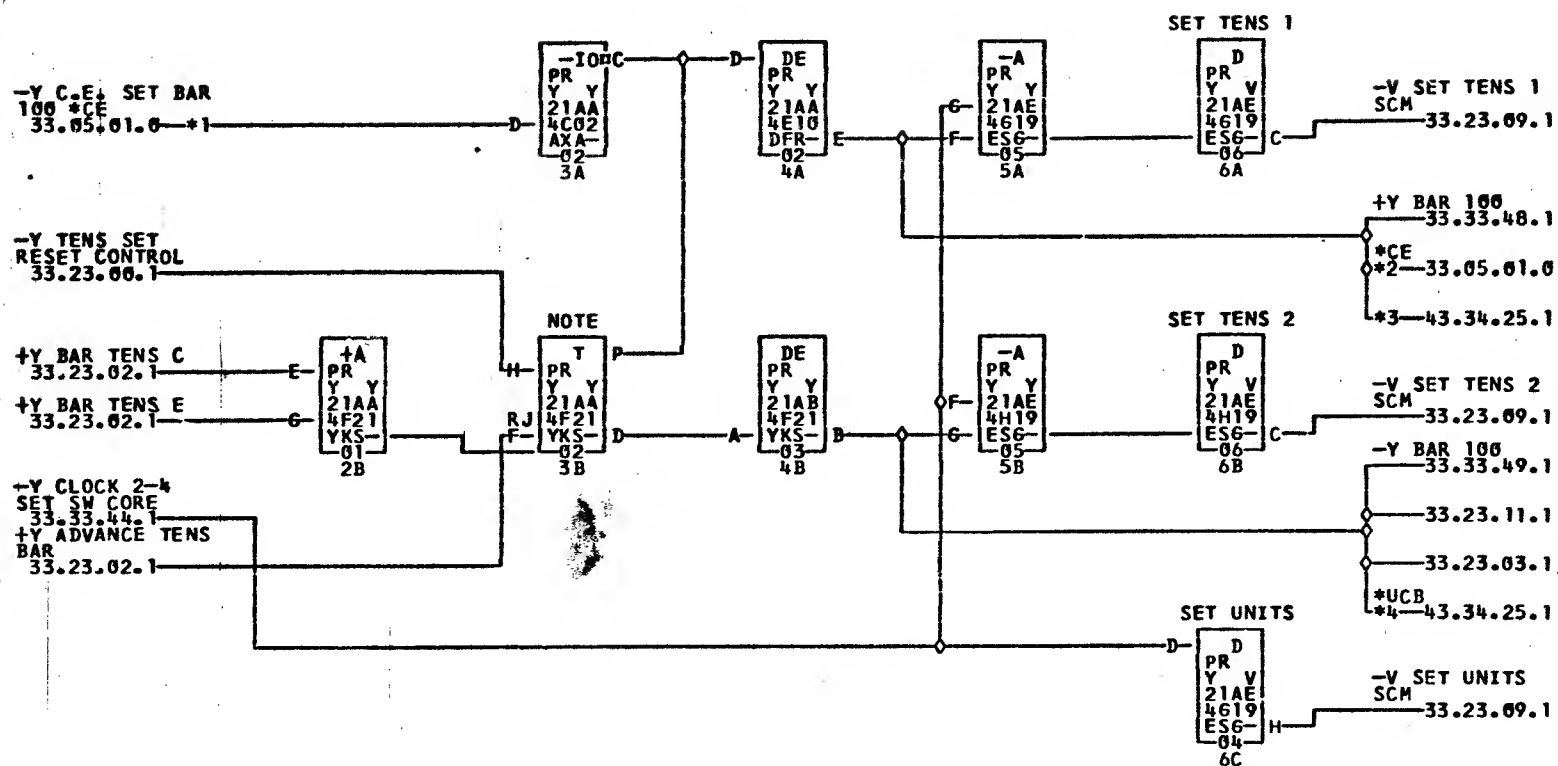
TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	09-01-64	121550J	B	10-15-64	121567	C	11-09-64	121572	D	12-19-64	121583
E	03-18-65	121598	F	08-18-65	124270						

33.23.01.1









*1-21A4E02L
*5-21A3A01R
*6-21A4D01A
*8-21A3A02C
21A4D02N
21A3A02D

21A3E31L
CEPRA048
21A3D32A
CEPRA036
21A3D31N
CEPRA049

21A3A02P
*3-21A4T19A
21A3A02A
*7-21A4D01B
21A3A02E

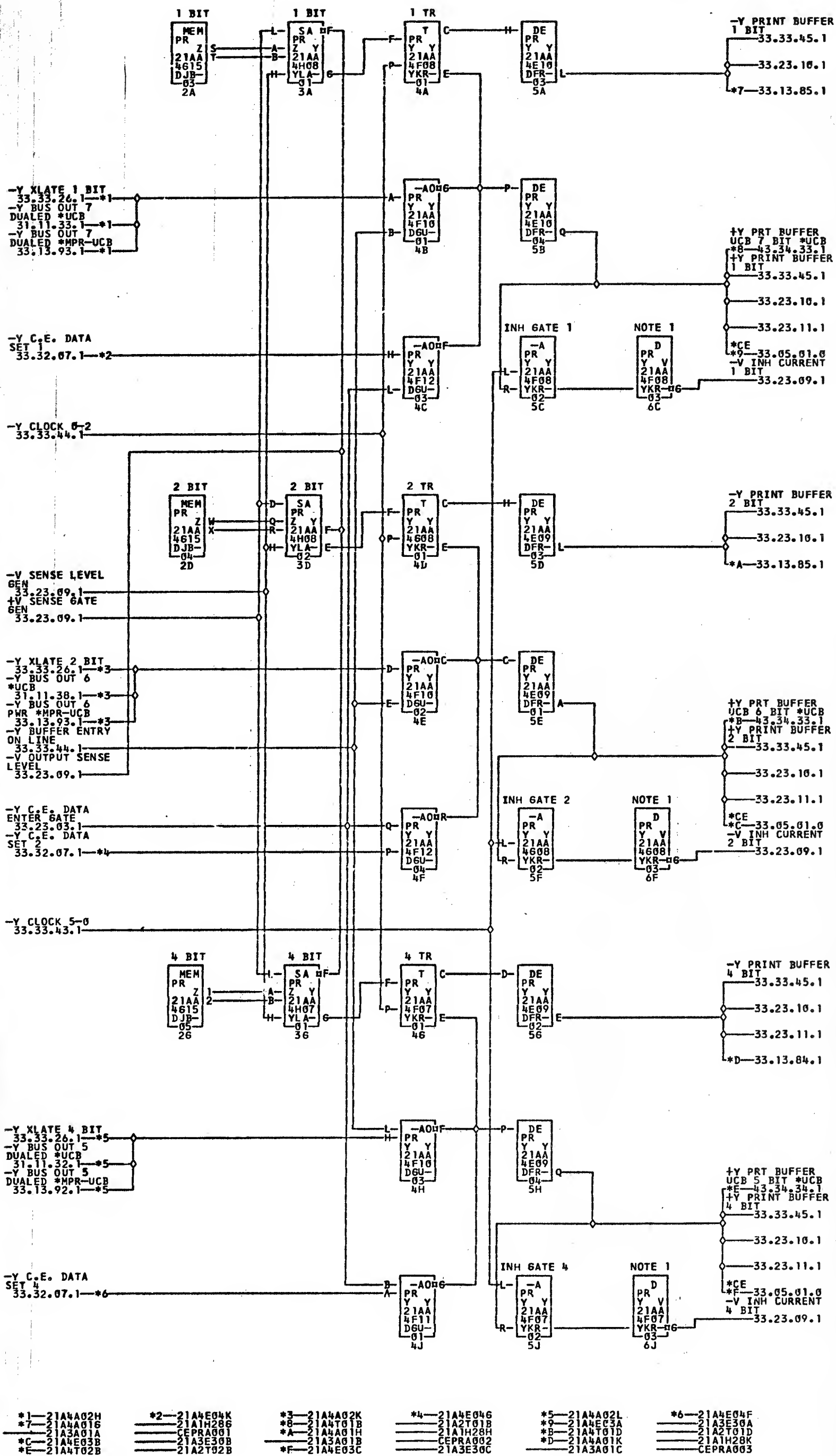
CEPRA097
21A2T19A
CEPRA034
21A3D32B
CEPRA050

*2-21A4E03R
*4-21A4T24D
*6-21A4D026
21A3A02B
*9-21A4D02Q

21A3E30R
21A2T24D
21A3D31G
CEPRA035
21A3D31Q

COMMENTS
NOTE—THE TRIGGER IS TURNED ON TO
SELECT POSITIONS 1-99 AND IS TURNED
OFF TO SELECT POSITION 100 AND ABOVE

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	09-01-64	121550J	B	10-15-64	121567	C	11-09-64	121572	D	02-15-65	121594
E	03-18-65	121598	F	04-26-65	124237	G	05-23-67	125673			

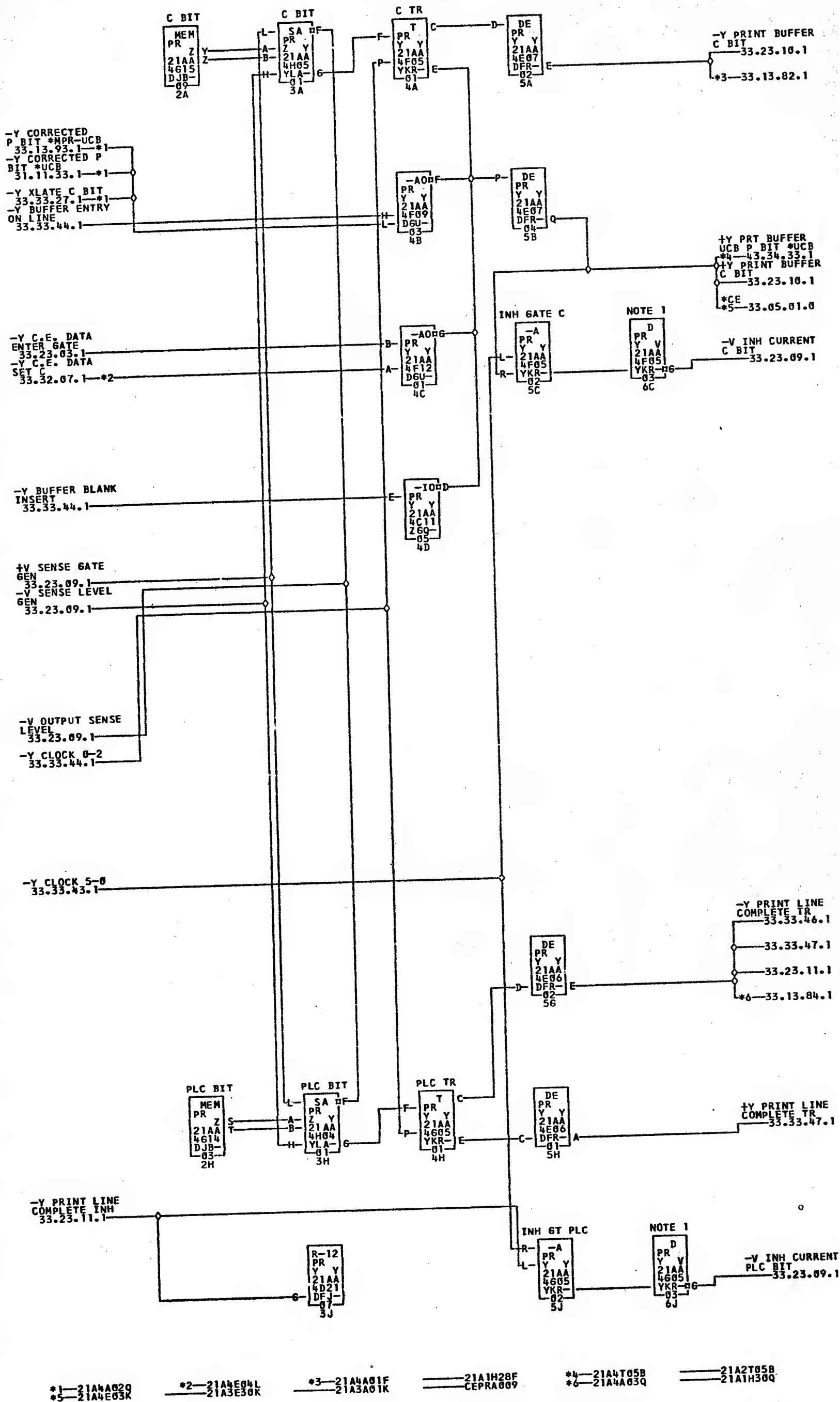


NOTE 1—INHIBIT CURRENT 262 MA MAX,
228 MA MIN, 250 MA NOMINAL.
MDM-4081-4181-4481-4581

TAG DATE E.C.NO.	TAG DATE E.C.NO.	TAG DATE E.C.NO.	TAG DATE E.C.NO.
A 09-01-64 12150J	B 10-15-64 121567	C 11-09-64 121572	D 01-21-65 121589
E 02-15-65 121594	F 08-18-65 124270	G 05-23-67 125673	

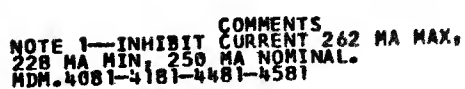


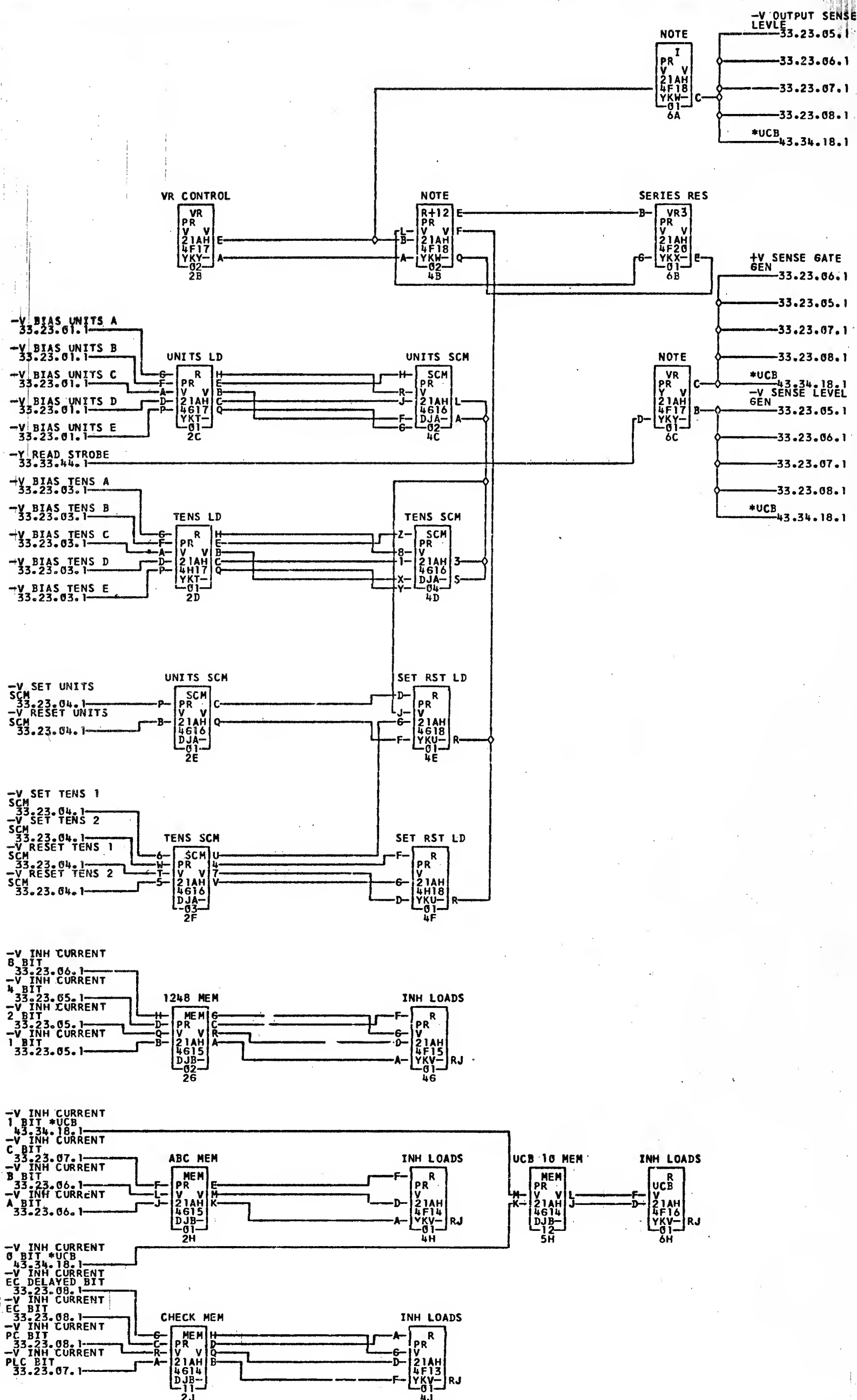
TAS DATE E.C. NO.			TAS DATE E.C. NO.			TAS DATE E.C. NO.			TAS DATE E.C. NO.		
A	09-01-64	121550J	B	10-15-64	121567	C	11-09-64	121572	D	01-21-65	121589
E	02-15-65	121594	F	08-18-65	124270	G	05-23-67	125673			



NOTE 1 - INHIBIT CURRENT 262 MA MAX,
228 MA MIN, 250 MA NOMINAL.
MDM. 4081-4181-4481-4581

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	09-01-64	121550J	B	10-15-64	121567	C	11-09-64	121572	D	01-21-65	121589
E	02-15-65	121594	F	06-22-65	124265	G	10-10-66	125655	H	05-23-67	125673





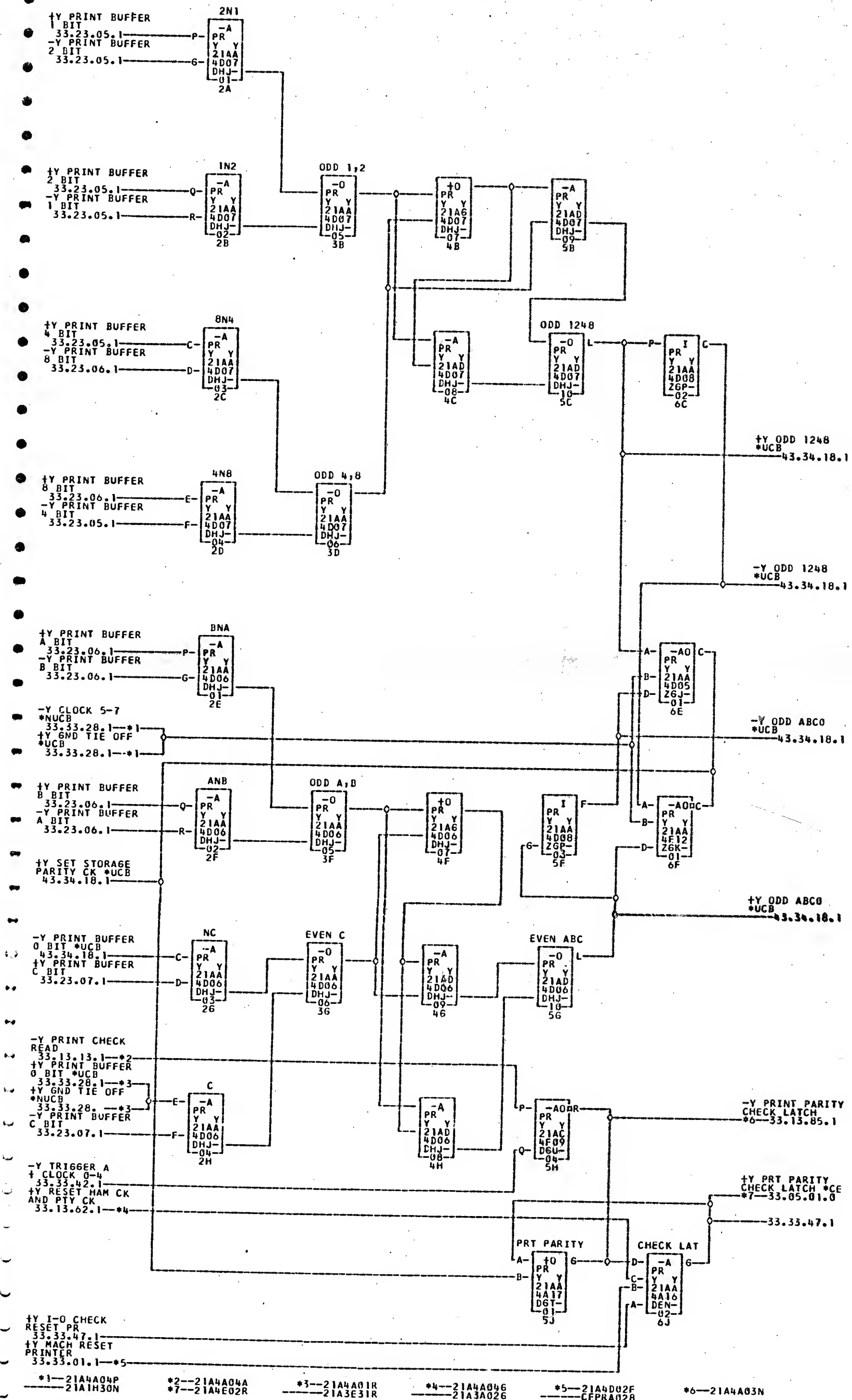
MDM 4081-4181-4281-4381
NOTE - REFER TO THE 2821 F.F.
MAINTENANCE MANUAL 225-3383 FOR
BUFFER ADJUSTMENT PROCEDURE.

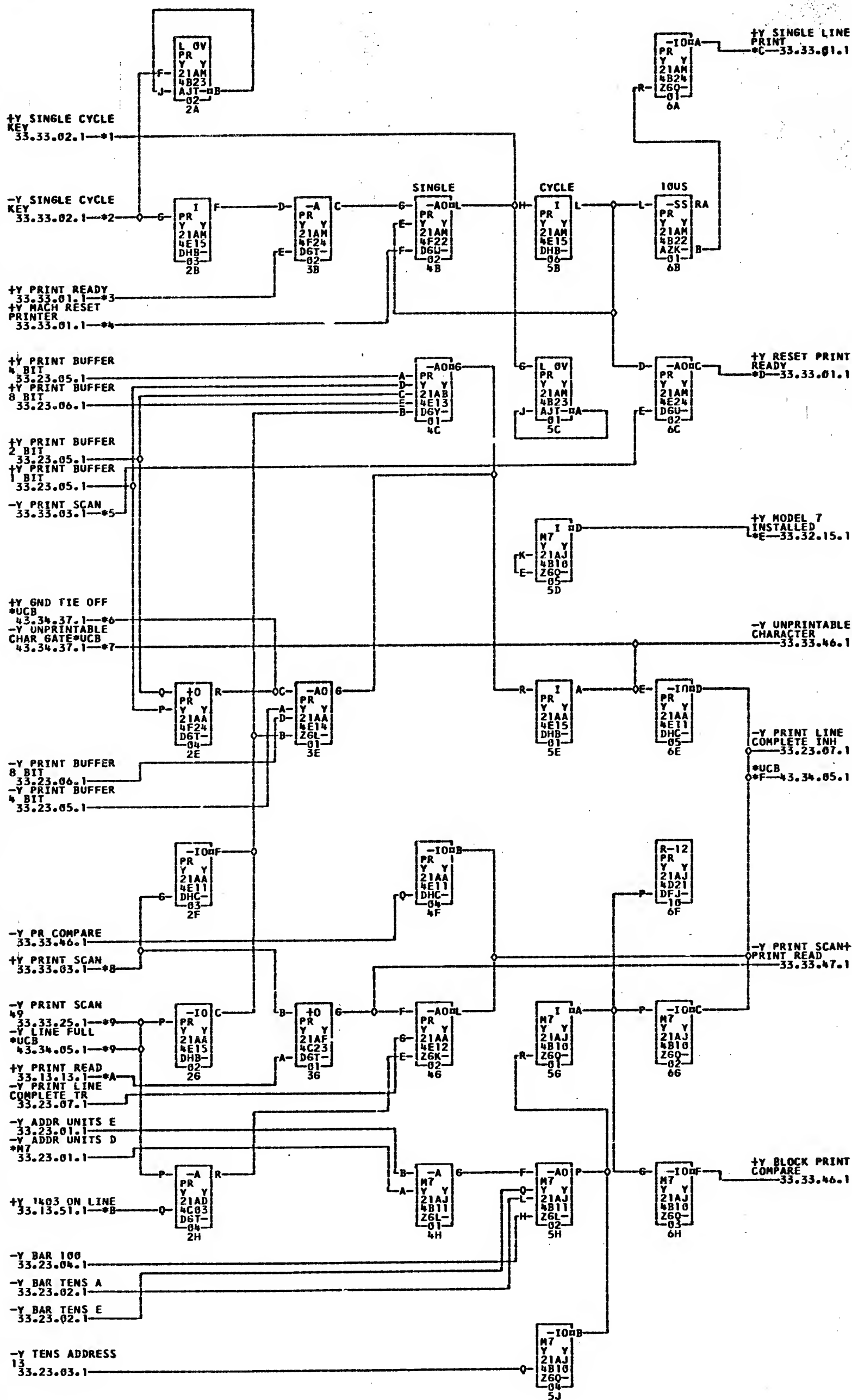
TAG DATE E.C.NO.
A 09-01-64 121550J
E 06-22-65 124265

TAG DATE E.C.NO.
B 10-15-64 121567
F 08-18-65 124270

TAG DATE E.C.NO.
C 11-09-64 121572
G 01-20-66 125617

TAG DATE E.C.NO.
D 01-21-65 121589
H 05-23-67 125673





*1—21A4B01B
*5—21A4D02A
*B—21A4A04D
21A3E31M

*2—21A4B01A
*6—21A4T18B
*C—21A4B01C
*F—21A4T21A

*7—21A3C32A
21A4T18D
21A3C32C
21A2T21A

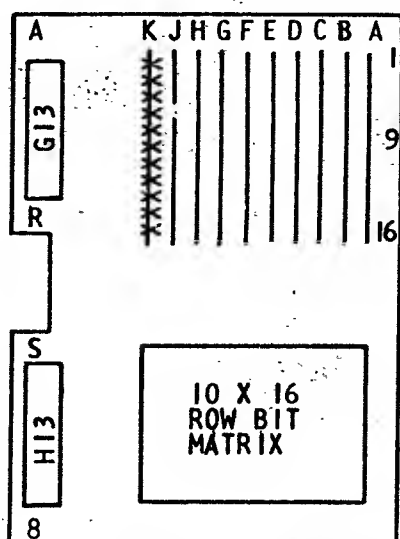
21A3C02R
*8—21A4D02C
*D—21A4B01D

*3—21A4B01E
*9—21A4A02R
21A3C32D

*4—21A4D02F
*A—21A4A04B
*E—21A4E02M

PRINT POSITION	21A3 RESPONSE		21A4 HAMMER FIRE CARD CONNECT
	HAMMER CARD PIN	EDGE CONN PIN	
1	G25D	G31B	A2
2	G25S	H26B	C2
3	E18D	G32B	B2
4	E18Q	H28B	E2
5	G18D	H27B	D2
6	E18S	H30B	G2
7	E183	H29B	F2
8	G18Q	H32B	J2
9	G18S	H31B	H2
10	G183	H30R	G16
11	G25Q	G31P	A14
12	G253	H26P	C14
13	E17D	G32N	B13
14	E17Q	H28N	E13
15	G17D	H27N	D13
16	E17S	H30N	G13
17	E173	H29N	F13
18	G17Q	H32N	J13
19	G17S	H31N	H13
20	G173	G31R	A16
21	G24D	G31A	A1
22	G24S	H26A	C1
23	E16D	G32A	B1
24	E16Q	H28A	E1
25	G16D	H27A	D1
26	E16S	H30A	G1
27	E163	H29A	F1
28	G16Q	H32A	J1
29	G16S	H31A	H1
30	G163	H31Q	H15
31	G24Q	G31Q	A15
32	G243	H26Q	C15
33	E15D	G32P	B14
34	E15Q	H28P	E14
35	G15D	H27P	D14
36	E15S	H30P	G14
37	E153	H29P	F14
38	G15Q	H32P	J14
39	G15S	H31P	H14
40	G153	G32R	B16
41	G23D	G31D	A4
42	G23S	H26D	C4
43	E14D	G32D	B4
44	E14Q	H28D	E4
45	G14D	H27D	D4
46	E14S	H30D	G4
47	E143	H29D	F4
48	G14Q	H32D	J4
49	G14S	H31D	H4
50	G143	H29R	F16
51	G23Q	G31M	A12
52	G233	H26M	C12
53	E13D	G32L	B11
54	E13Q	H28L	E11
55	G13D	H27L	D11
56	E13S	H30L	G11
57	E133	H29L	F11
58	G13Q	H32L	J11
59	G13S	H31L	H11
60	G133	G32Q	B15
61	G22D	G31C	A3
62	G22S	H26C	C3
63	E12D	G32C	B3
64	E12Q	H28C	E3
65	G12D	H27C	D3
66	E12S	H30C	G3

PRINT POSITION	21A3 RESPONSE		21A4 HAMMER FIRE CARD CONNECT
	HAMMER CARD PIN	EDGE CONN PIN	
67	E123	H29C	F3
68	G12Q	H32C	J3
69	G12S	H31C	H3
70	G123	H30Q	G15
71	G22Q	G31N	A13
72	G223	H26N	C13
73	E11D	G32M	B12
74	E11Q	H28M	E12
75	G11D	H27M	D12
76	E11S	H30M	G12
77	E113	H29M	F12
78	G11Q	H32M	J12
79	G11S	H31M	H12
80	G113	H27Q	D15
81	G21D	G31F	A6
82	G21S	H26F	C6
83	E10D	G32F	B6
84	E10Q	H28F	E6
85	G10D	H27F	D6
86	E10S	H30F	G6
87	E103	H29F	F6
88	G10Q	H32F	J6
89	G10S	H31F	H6
90	G103	H28R	E16
91	G21Q	G31K	A10
92	G213	H26K	C10
93	E09D	G32H	B8
94	E09Q	H28H	E8
95	G09D	H27H	D8
96	E09S	H30H	G8
97	E093	H29H	F8
98	G09Q	H32H	J8
99	G09S	H31H	H8
100	G093	H26R	C16
101	G20D	G31E	A5
102	G20S	H26E	C5
103	E08D	G32E	B5
104	E08Q	H28E	E5
105	G08D	H27E	D5
106	E08S	H30E	G5
107	E083	H29E	F5
108	G08Q	H32E	J5
109	G08S	H31E	H5
110	G083	H29Q	F15
111	G20Q	G31L	A11
112	G203	H26L	C11
113	E07D	G32K	B10
114	E07Q	H28K	E10
115	G07D	H27K	D10
116	E07S	H30K	G10
117	E073	H29K	F10
118	G07Q	H32K	J10
119	G07S	H31K	H10
120	G073	H27R	D16
121	G19D	G31G	A7
122	G19S	H26G	C7
123	E06D	G32G	B7
124	E06Q	H28G	E7
125	G06D	H27G	D7
126	E06S	H30G	G7
127	E063	H29G	F7
128	G06Q	H32G	J7
129	G06S	H31G	H7
130	G063	H28Q	E15
131	G19Q	G31H	A8
132	G193	H26H	C8



HAMMER FIRE CARD

HAMMER FIRE
CARD CONNECTORS
COL 9 & ROW K NOT USEDDATE 9-15-64 EC NO 121550 J
12-10-64 121572

DATE EC NO DATE EC NO DATE EC NO

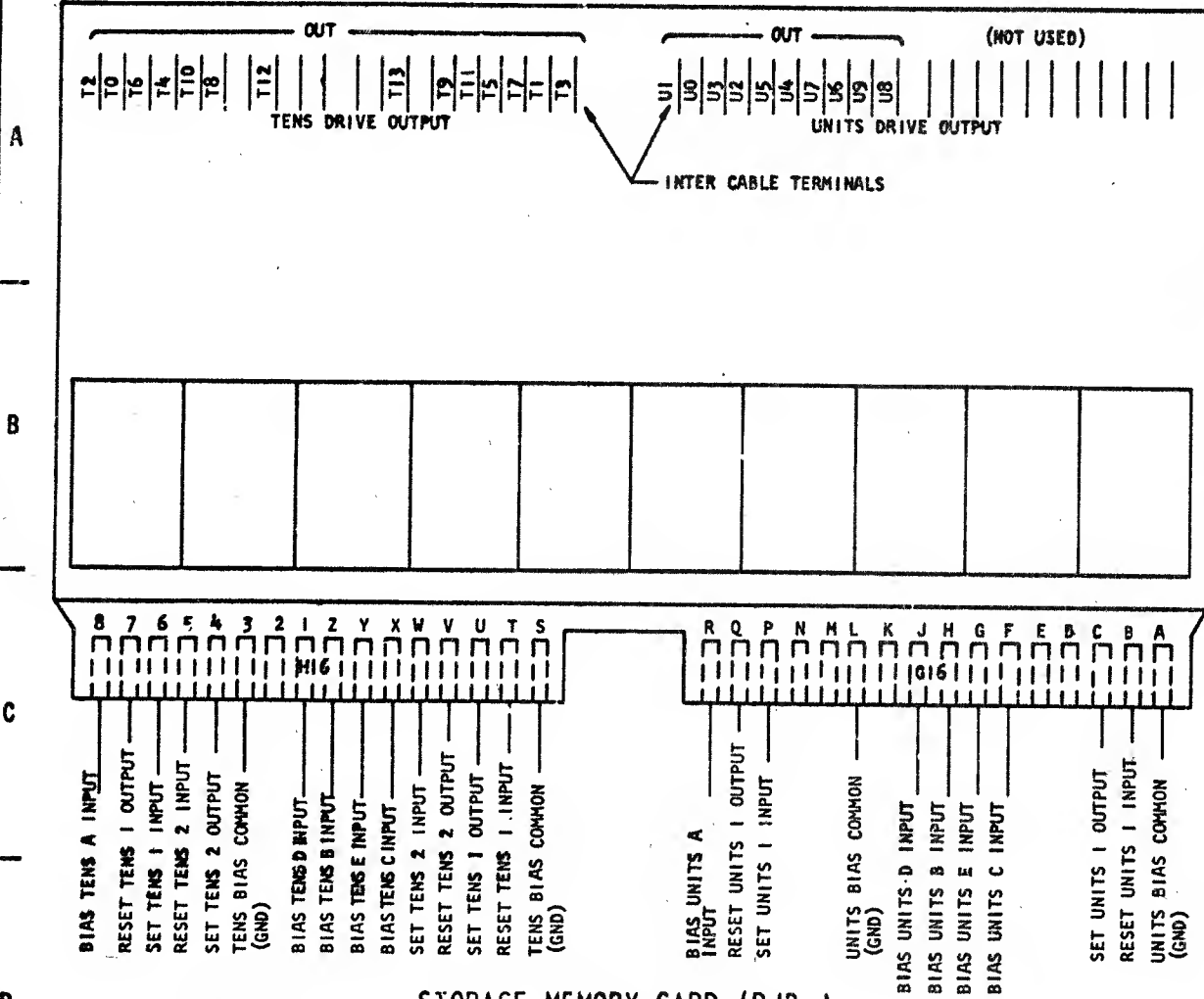
082658B

STORAGE MATRIX SWITCH (DJA-)

2821PR

33.23.13.0

(COMPONENT SIDE)

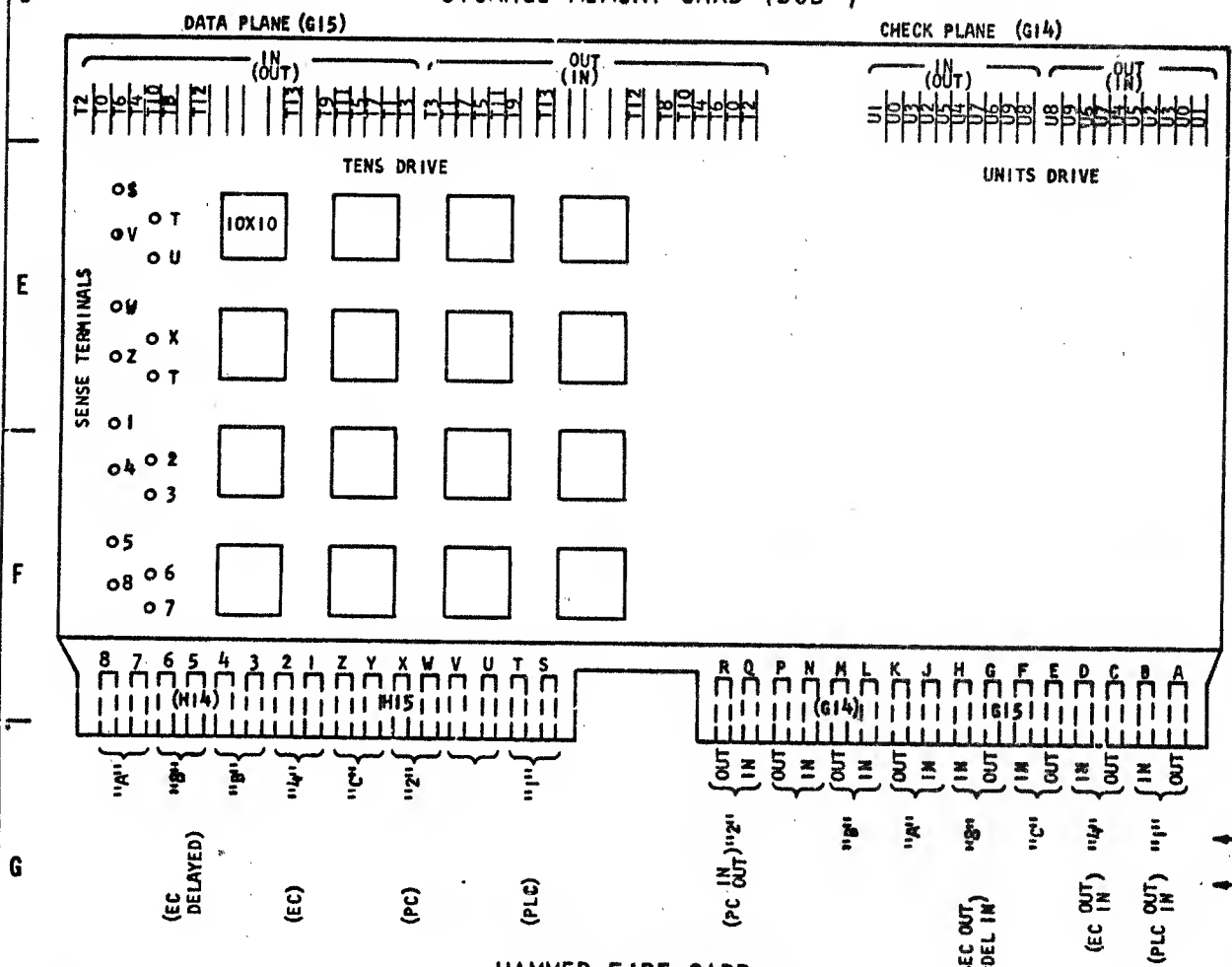


TOP SIDE

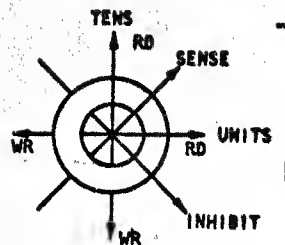
CORE WINDING DATA

	TURNS	MA	MA-TURNS
BIAS (2)	14	-175	-4900 (TOTAL)
SET	7	+275	+1925
RESET	7	-275	-1925
OUTPUT	5	+270	+1350

STORAGE MEMORY CARD (DJB-)



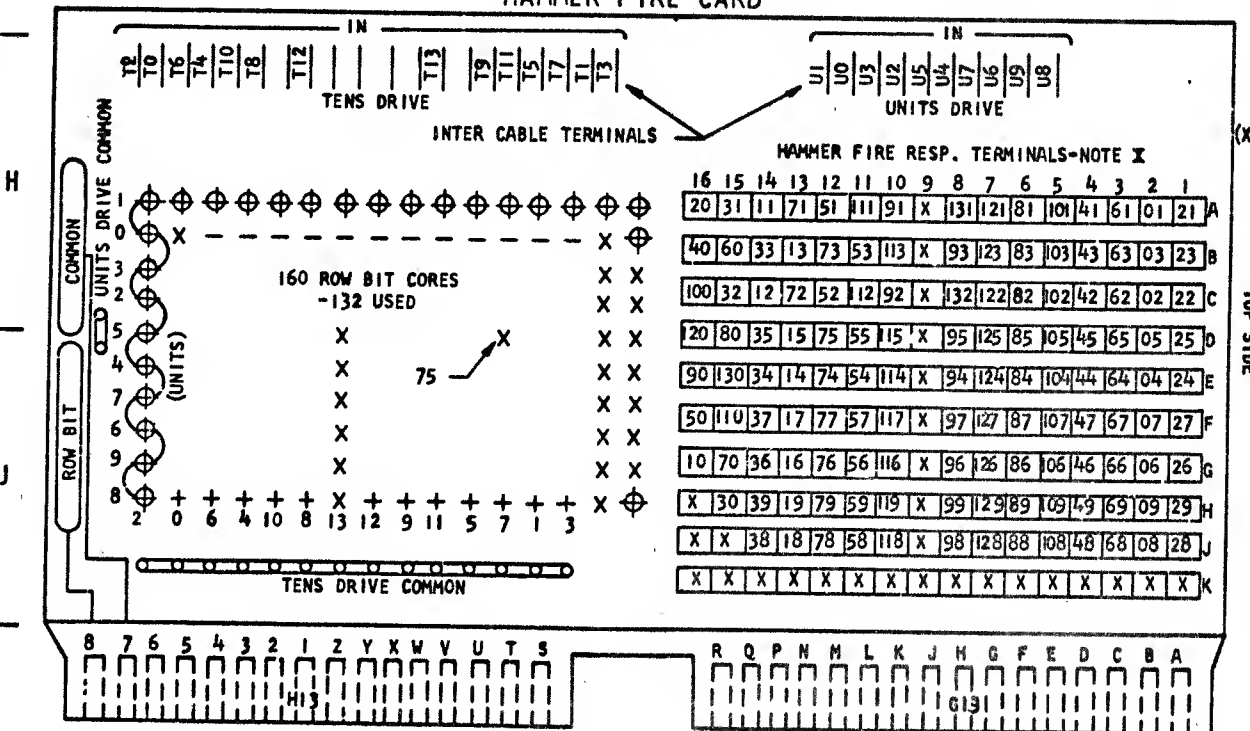
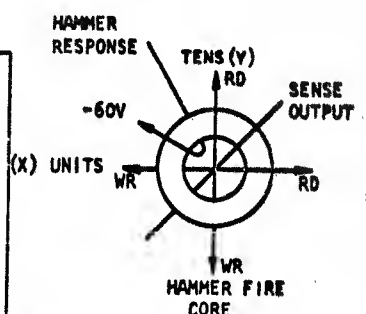
TOP SIDE



CORE WINDING DATA

	TURNS	MA	MA-TURNS
TENS	1	270	270
UNITS	1	270	270
INHIBIT	1	245	245
SENSE	1	-	50MV (NOM)

HAMMER FIRE CARD

DATA SIGNALS
CHECK SIGNALS

CORE WINDING DATA

	TURNS	MA (NOM)	MA-TURNS
UNITS	1	+270	+270
TENS	1	+270	+270
HAMMER RESPONSE	5	+110	+550
SENSE OUT	1	-	50MV (NOM)

NOTES

- X ASSEMBLE CABLE CARDS WITH PRINT CIRCUIT FACE DOWN. NUMBERS IN BLOCK ARE PRINT POSITIONS.
XI HAMMER RESPONSE AND TURNS ARE ADDITIVE TO UNITS AND TENS DRIVE LINES DURING READ TIME.

DATE

9-15-64
12-10-64
11DEC67

EC NO

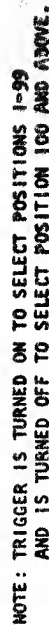
121530 J
121572
131802

DATE

EC NO

DATE

EC NO



DATE	EC NO	DATE	EC NO	DATE	EC NO
9-15-64	121530 J				
12-10-64	121572				

PRINT STORAGE TIMING PULSES 1403 II & (1403 III)
720 KC 1600 KC)
*NOTE

*NOTE



C. D. CO., NO. 44-511 4342

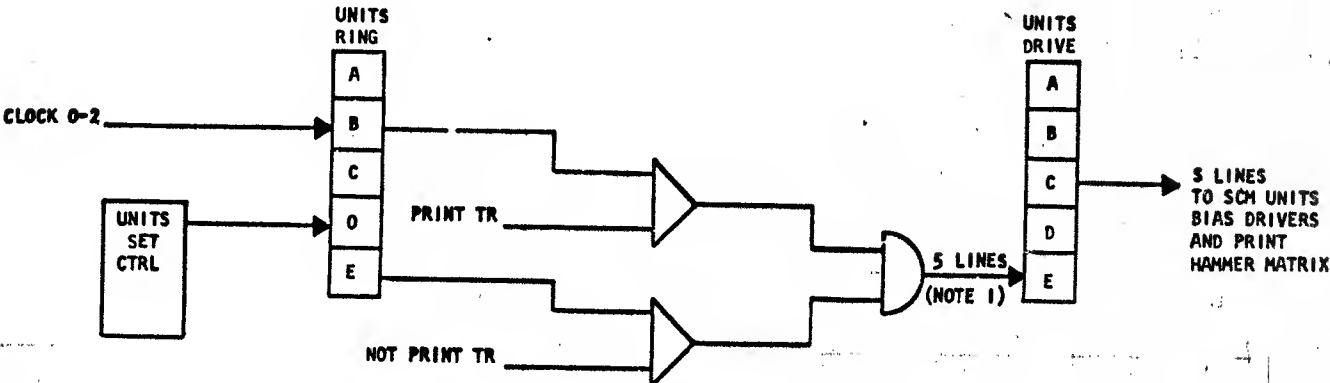
PRINT STORAGE
UNITS ADVANCE CONTROL
FOR PLUS 1 AND PLUS 3 ADVANCE

ADDR. POS	UNITS RING				
	A	B	C	D	E
0	0	0	0	1	1
1	1	0	0	1	0
2	1	0	0	0	1
3	0	1	0	0	1
4	1	1	0	0	0
5	1	0	1	0	0
6	0	1	1	0	0
7	0	1	0	1	0
8	0	0	1	1	0
9	0	0	1	0	1

ADDR. POS	UNITS DRIVE (+3 ADV)				
	A	B	C	D	E
1	1	0	0	1	0
4	1	1	0	0	0
7	0	0	0	1	0
0	0	0	0	1	1
3	0	1	0	0	1
6	0	1	1	0	0
9	0	0	1	1	0
2	1	0	0	0	1
5	1	0	1	0	0
8	0	0	1	1	0

NOTE 1: FOR PRINT TR OFF UNITS DRIVE SEQUENCE WILL BE SAME AS UNITS RING
ADDR POS 0,1,2,3---ETC.

FOR PRINT TR ON UNITS DRIVE SEQUENCE WILL FOLLOW THE +3 ADV PATTERN
ADDR POS 0,1,4,7---ETC.
THE PRINT TR IS ON FROM THE START OF THE FIRST PRINT SCAN UNTIL THE END OF THE LAST PRINT SCAN.
EX: SUBSCAN 2 END - ADDRESS REGISTER -131
NEXT ADDRESS -003 (BEGINNING SUBSCAN 3)
FOR +3 ADV, UNITS DRIVE AT 003, UNITS RING MUST BE AT 004.
THEREFORE UNITS RING MUST BE RESET TO .003 SO THAT ON FIRST
ADVANCE, THE UNITS RING WILL ADVANCE TO 004.



BUFFER RINGS CONTROL (UNITS-TENS-HUNDRETHS)

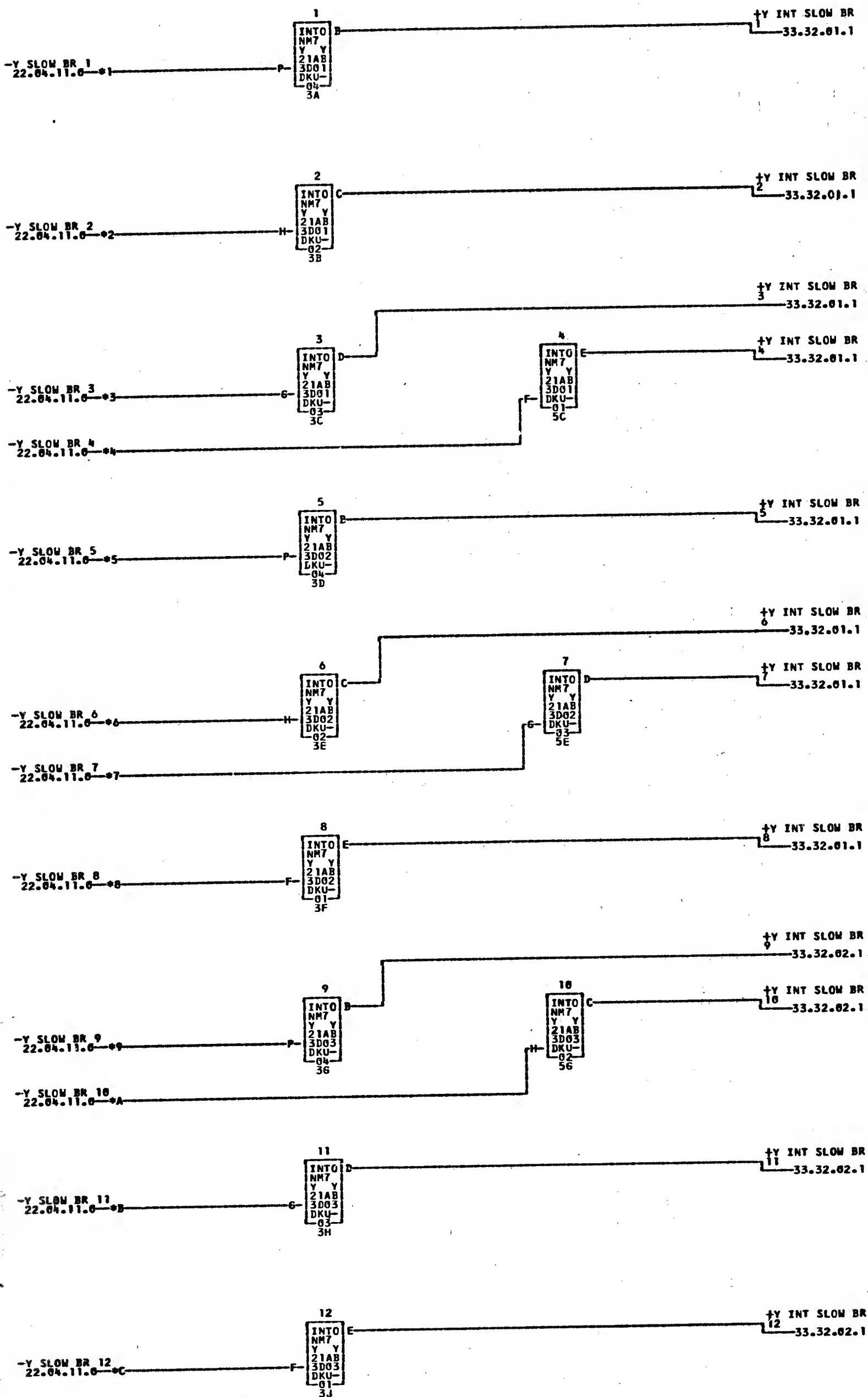
STATE OF
OPERATION
POWER ON
INITIAL SELECTION
TRANSFER END
SUB-SCAN 1 END
SUB-SCAN 2 END
SUB-SCAN 3 END

AT
ADDRESS
XXX
XXX
132
130
131
132

RESET
RINGS TO
000
000
000
006
003
000

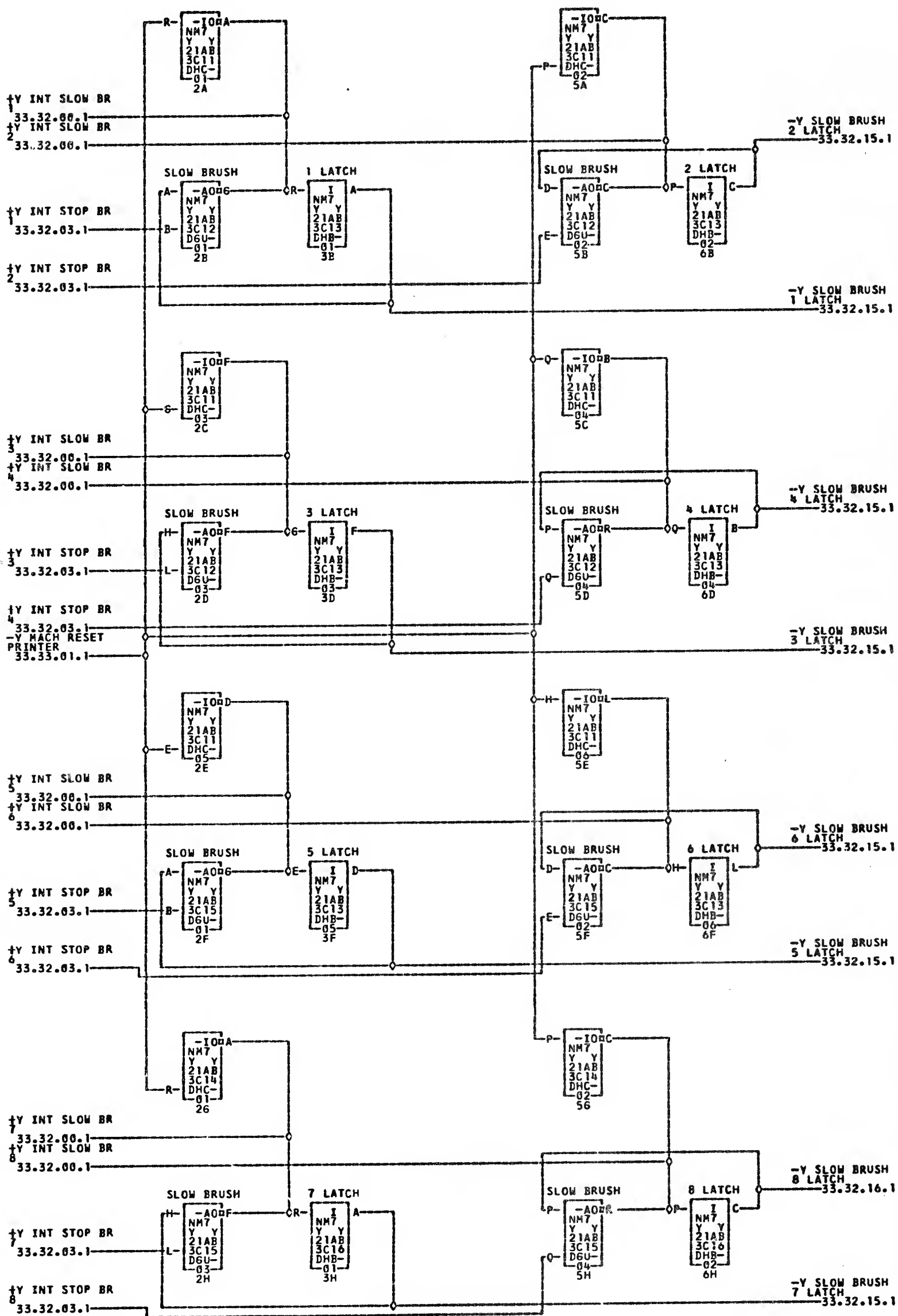
AFTER 1ST ADV

ADDR RINGS	ADDR DRIVE
001	001 (+1)
001	001 (+1)
000	001 (+3)
007	002 (+3)
004	003 (+3)
000	001 (+3)

*1-21A3F01A
*7-21A3F01G*2-21A3F01B
*8-21A3F01H*3-21A3F01C
*9-21A3F01J*4-21A3F01D
*A-21A3F01K*5-21A3F01E
*B-21A3F01L*6-21A3F01F
*C-21A3F01M

COMMENTS

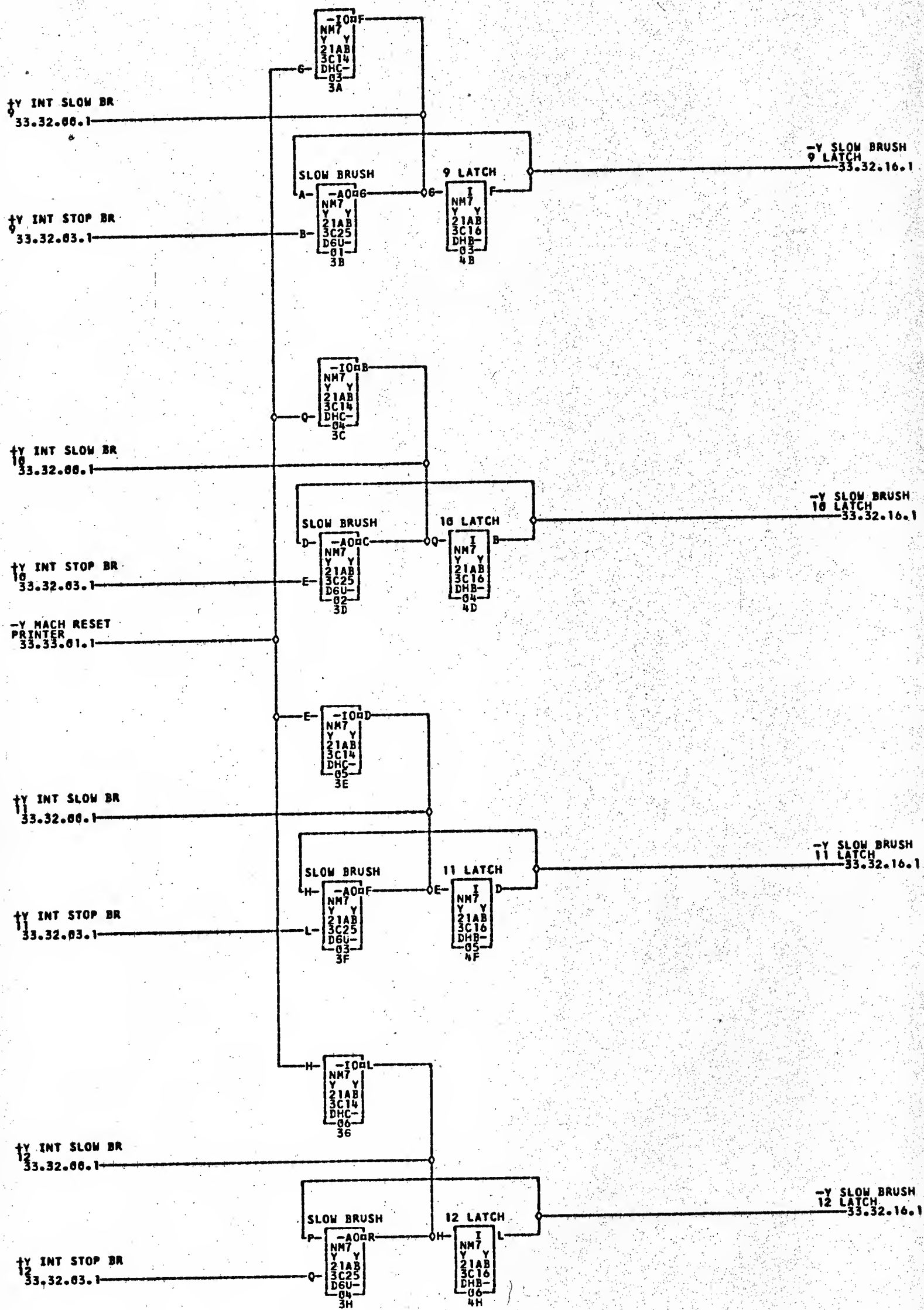
TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	08-31-64	121550H	B	04-26-65	124237			



COMMENTS

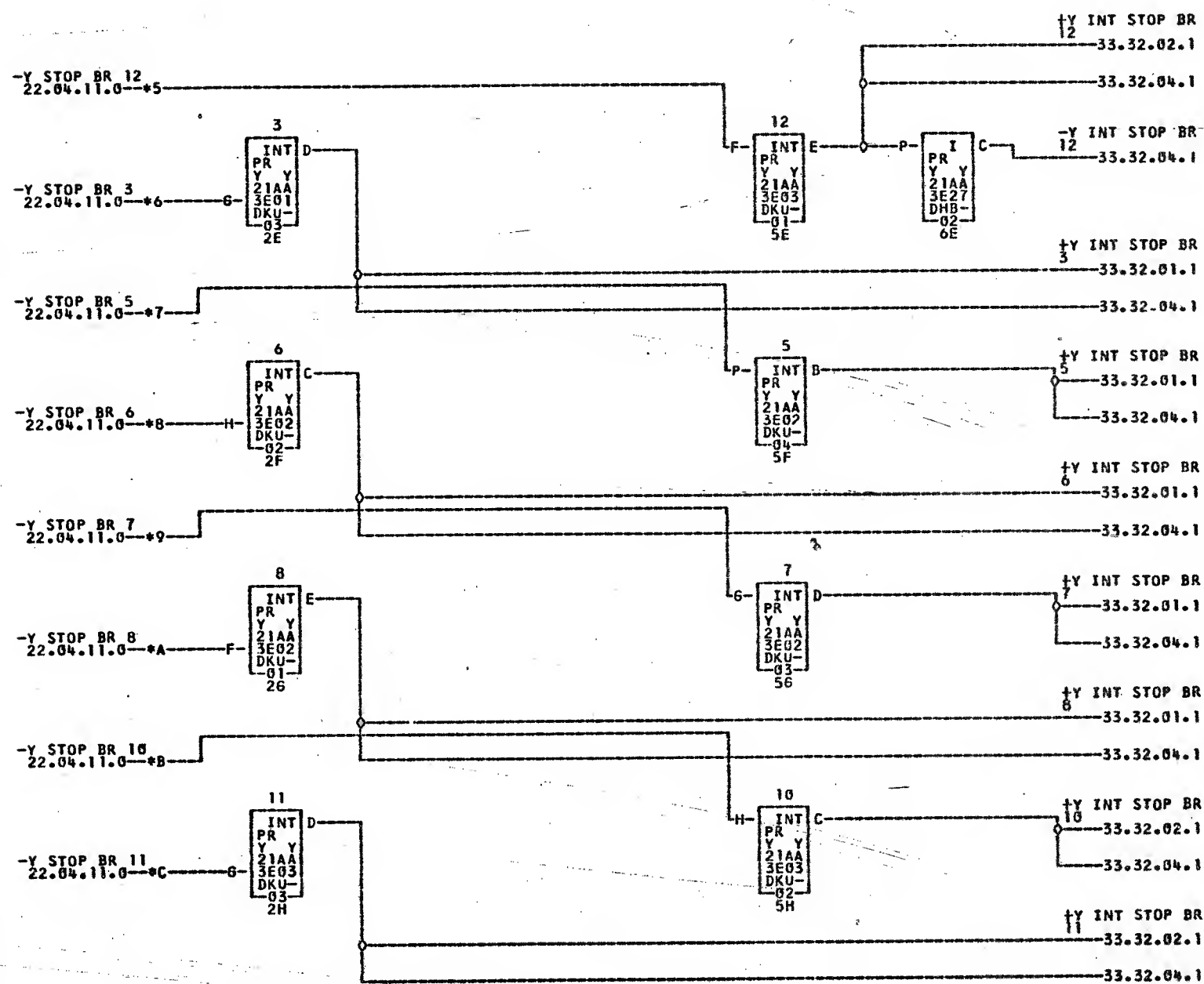
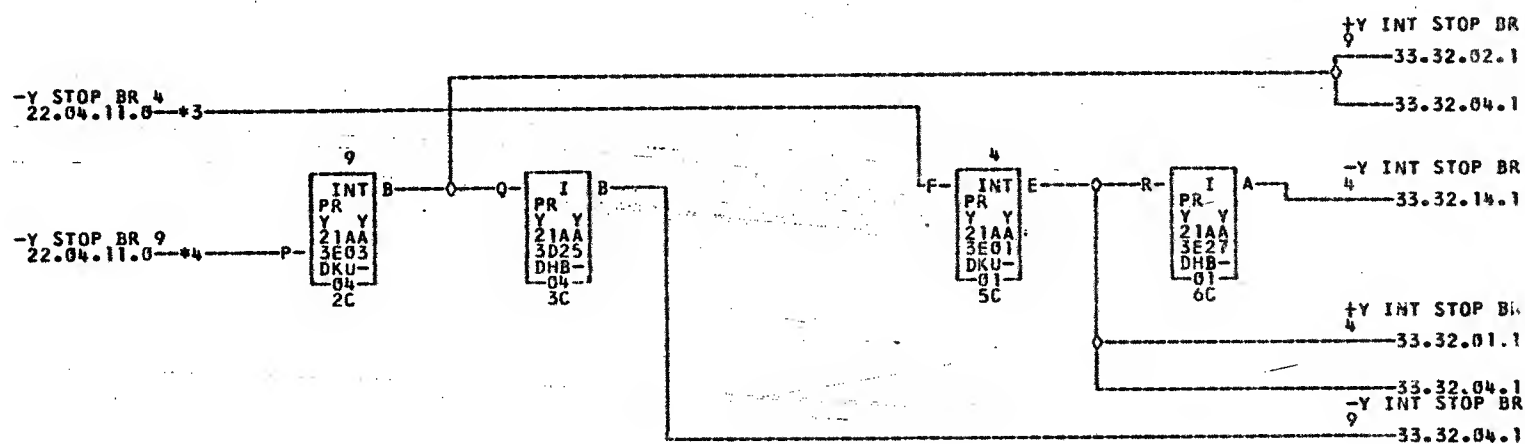
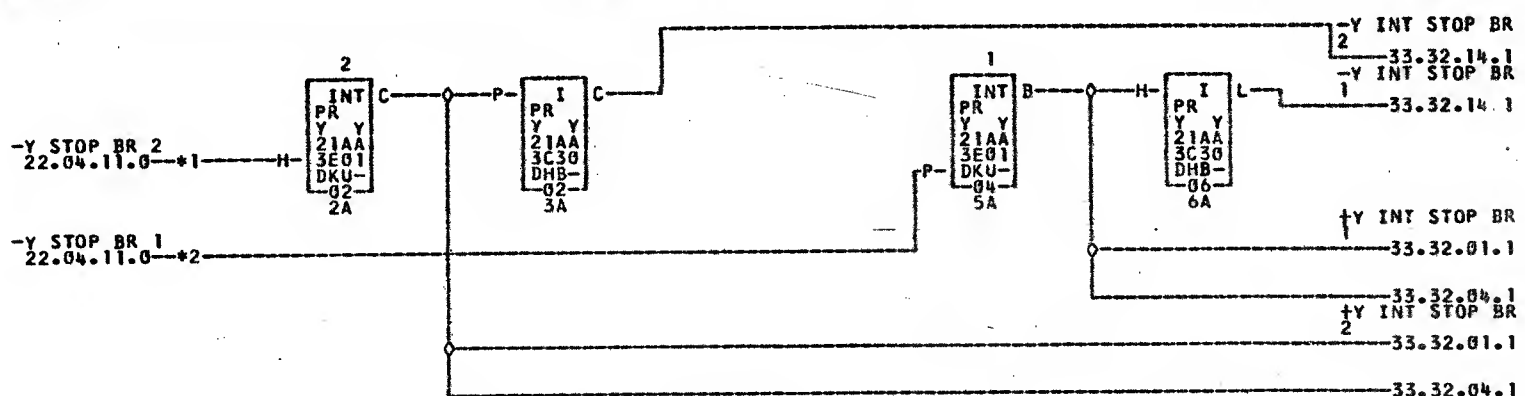
TAG DATE E.C.NO. TAG DATE E.C.NO. TAG DATE E.C.NO. TAG DATE E.C.NO.

A 08-31-64 121550H B 04-26-65 124237



COMMENTS

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
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*1-21A3F02D
*7-21A3F026

*2--21A3F02C
*8--21A3F02H

#3-21A3F02F
#9-21A3F02J

*4-21A3F02L
*A-21A3F02K

*5--21A3F02P
*B--21A3F02M

*6--21A3F02E
*C--21A3F02N

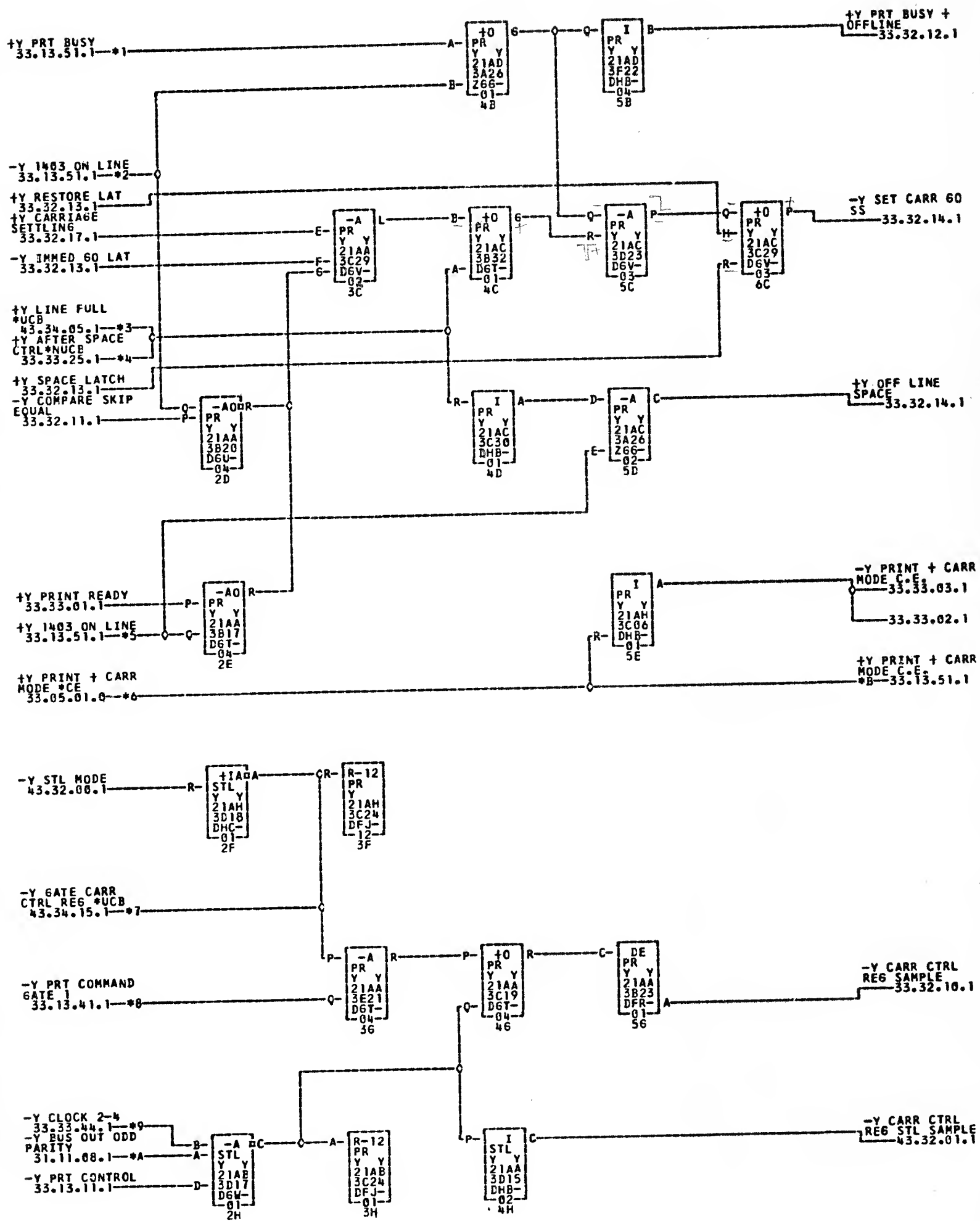
COMMENTS

TAG DATE E.C.NO.
1A 08-31-64 121550H

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95	10/10	



*1—21A3T23C
CEPRA094
21A1T26A

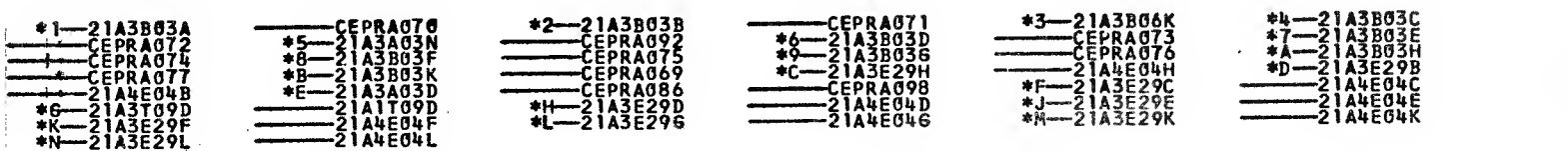
*2—21A3T02D
*7—21A3T31C

*3—21A3T23B
*8—21A3T28A

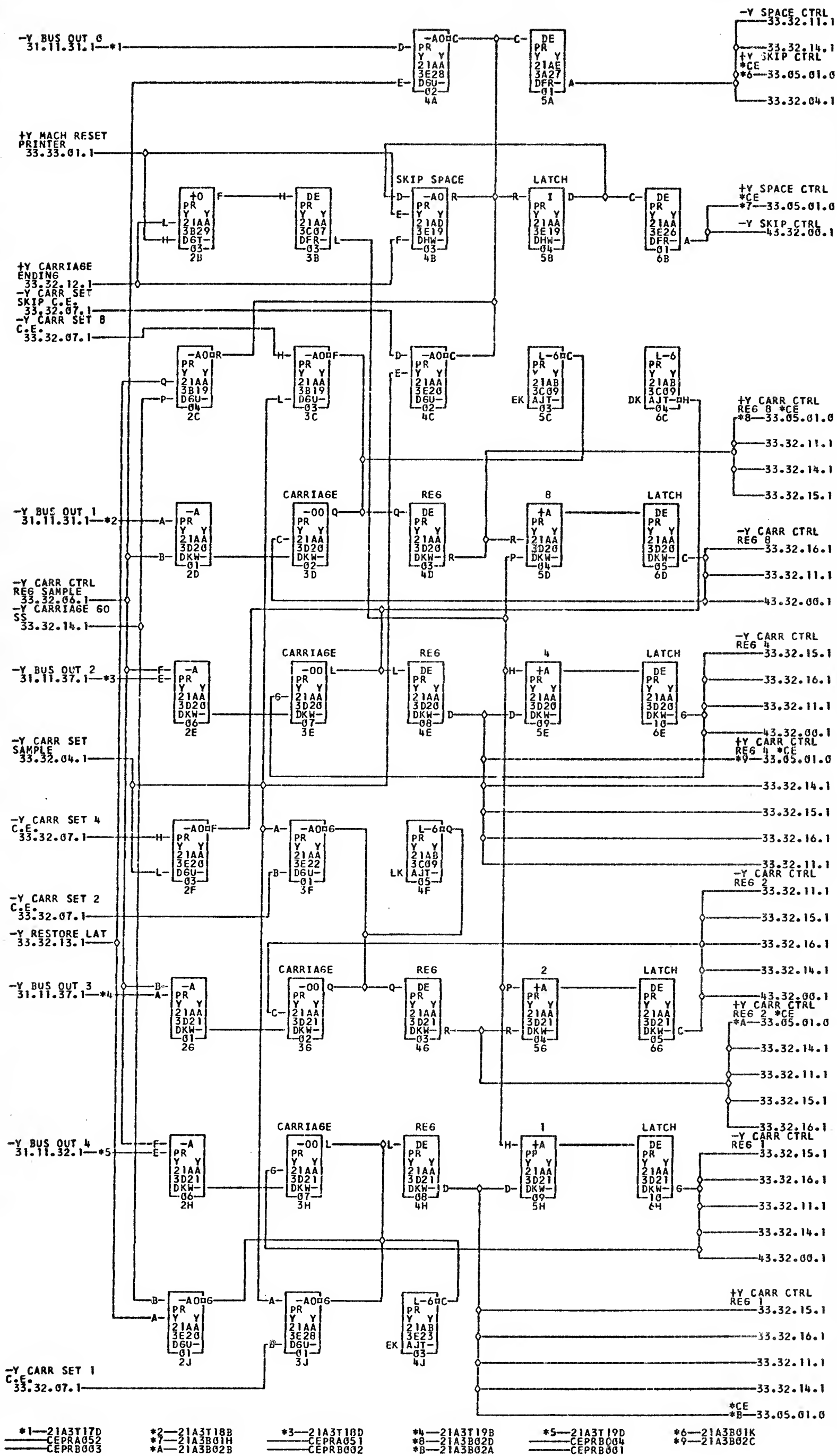
*4—21A3T25D
*9—21A3D32D

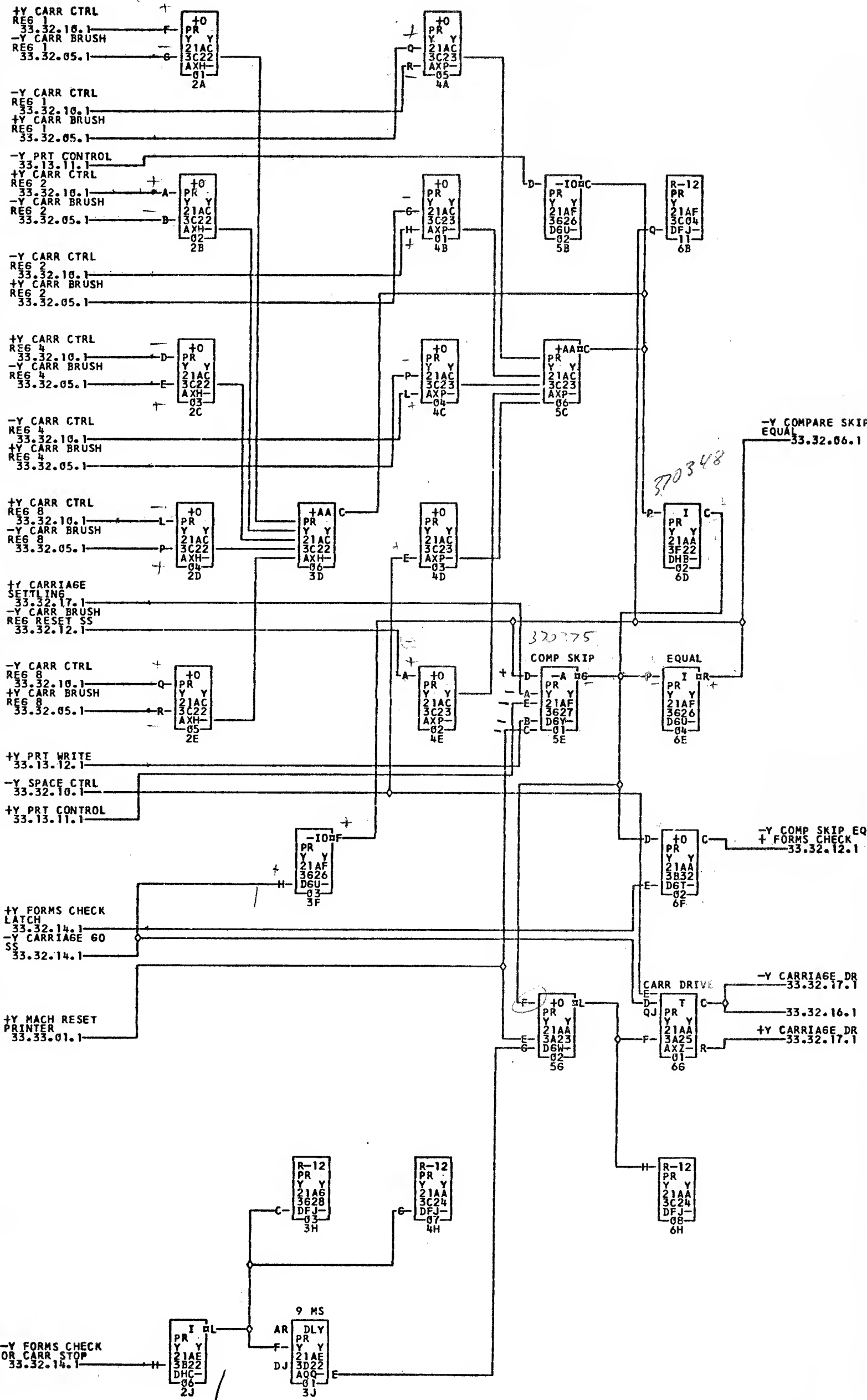
*5—21A3T12A
*A—21A3T14C

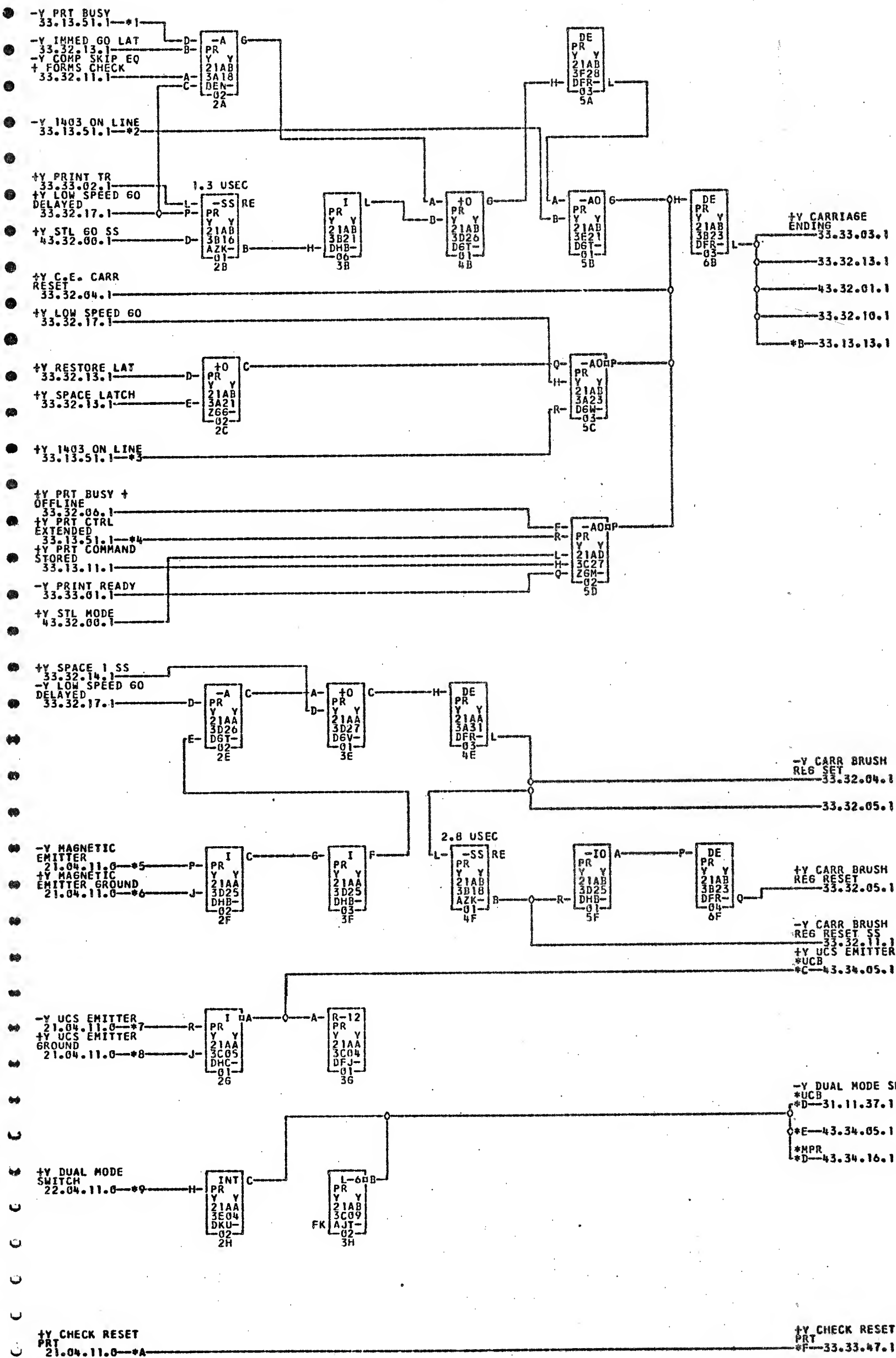
*6—21A3B02R
*B—21A3T26A



TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	08-31-64	121550H	B	10-15-64	121567	C	11-10-64	121572	D	01-21-65	121589
E	02-15-65	121594	F	08-18-65	124270	G	04-20-66	125636	H	04-20-67	125672
J	05-24-67	125673									







*1-21A3T23D
*2-21A3C01L
*3-21A3T12B
*4-21A3T29B

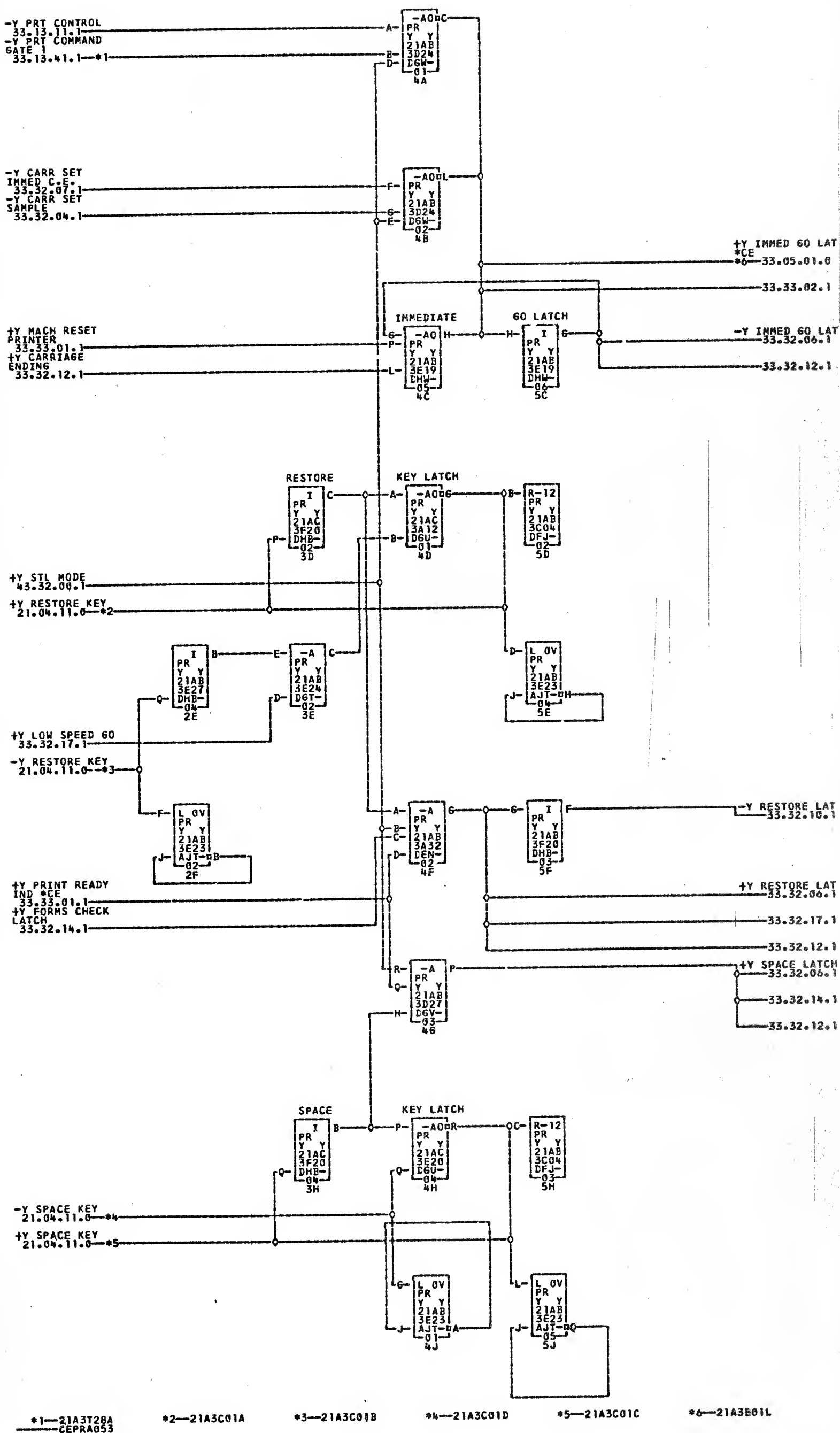
*5-21A3T02D
*6-21A3C01J
*7-21A1T12B
*8-21A1T29B

*9-21A3T12A
*10-21A3F02A
*11-21A1D31C
*12-21A1C32C

*13-21A3T31D
*14-21A3C02N
*15-21A2D02C
*16-21A2D03C

*17-21A3C010
*18-21A3T10A
*19-21A3T29B
*20-21A3D30D

*21-21A3C01R
*22-21A1T10A
*23-21A1T29B
*24-21A4D03D



*1-21A3T28A
CEPRA053

***2--21A3C01A**

*3--21A3C04B

*4--21A3C01D

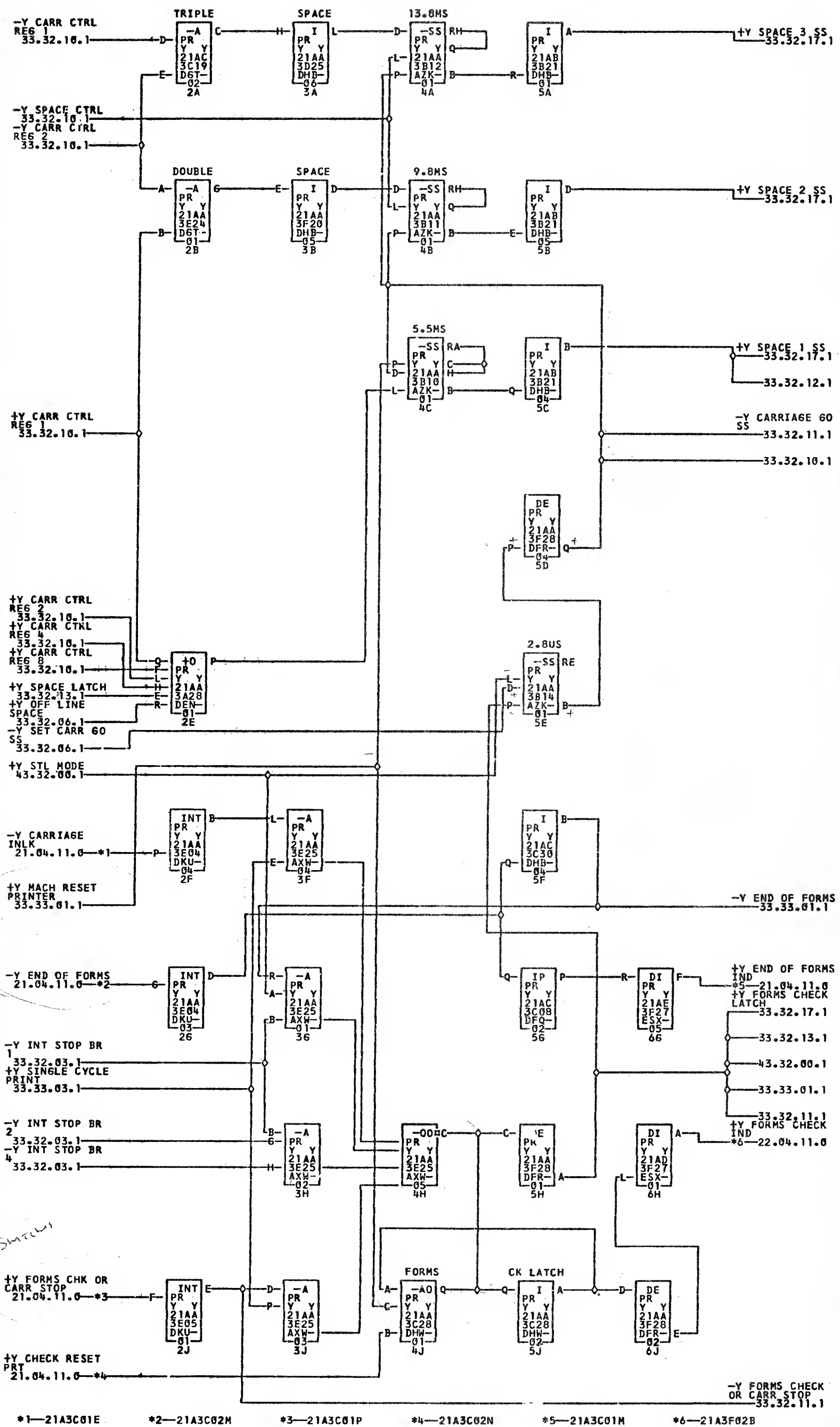
#5--21A3C01C

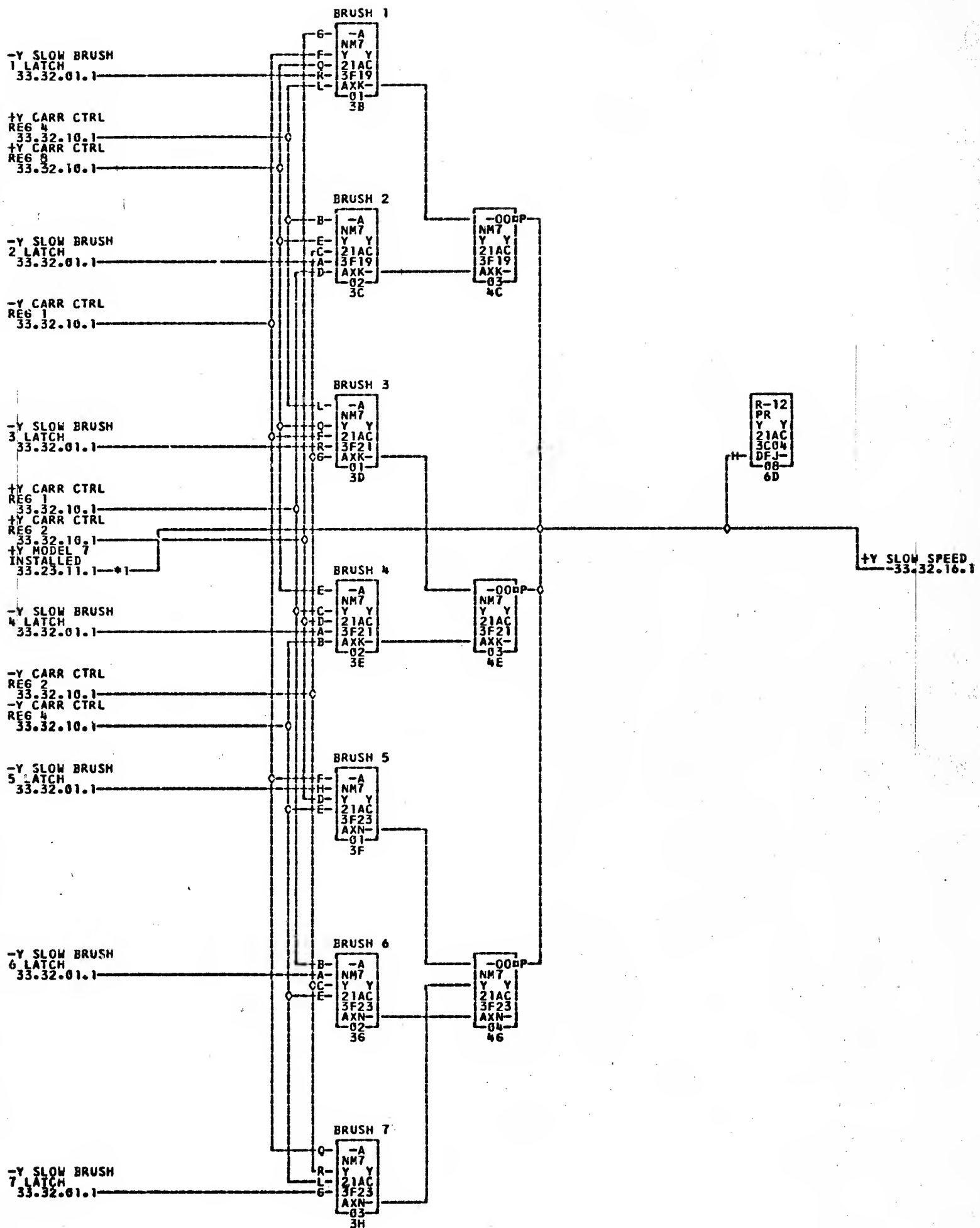
#6-21A3BGIL

FSD.408

COMMENTS

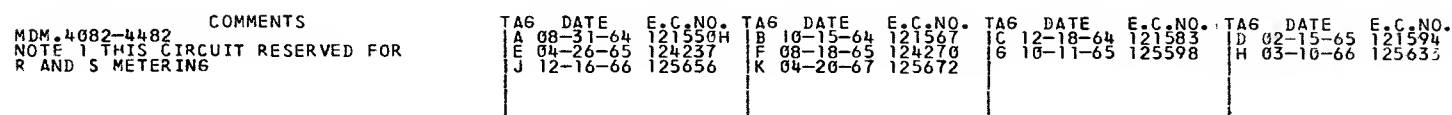
TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	08-31-64	121550H	B	10-15-64	121567	C	11-10-64	121572	D	02-15-65	121594
E	08-18-65	124270									

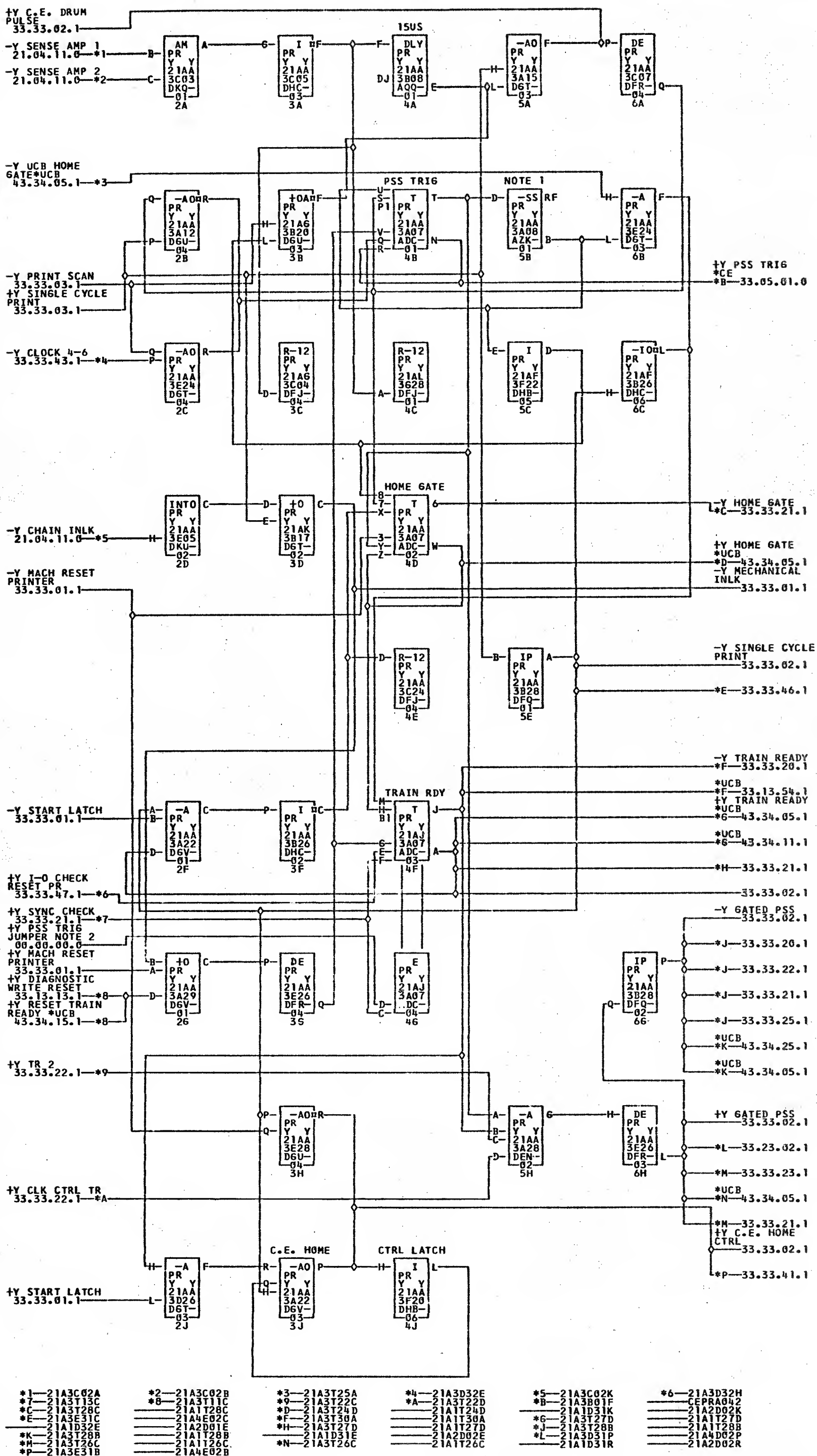




*1—21A3E31M

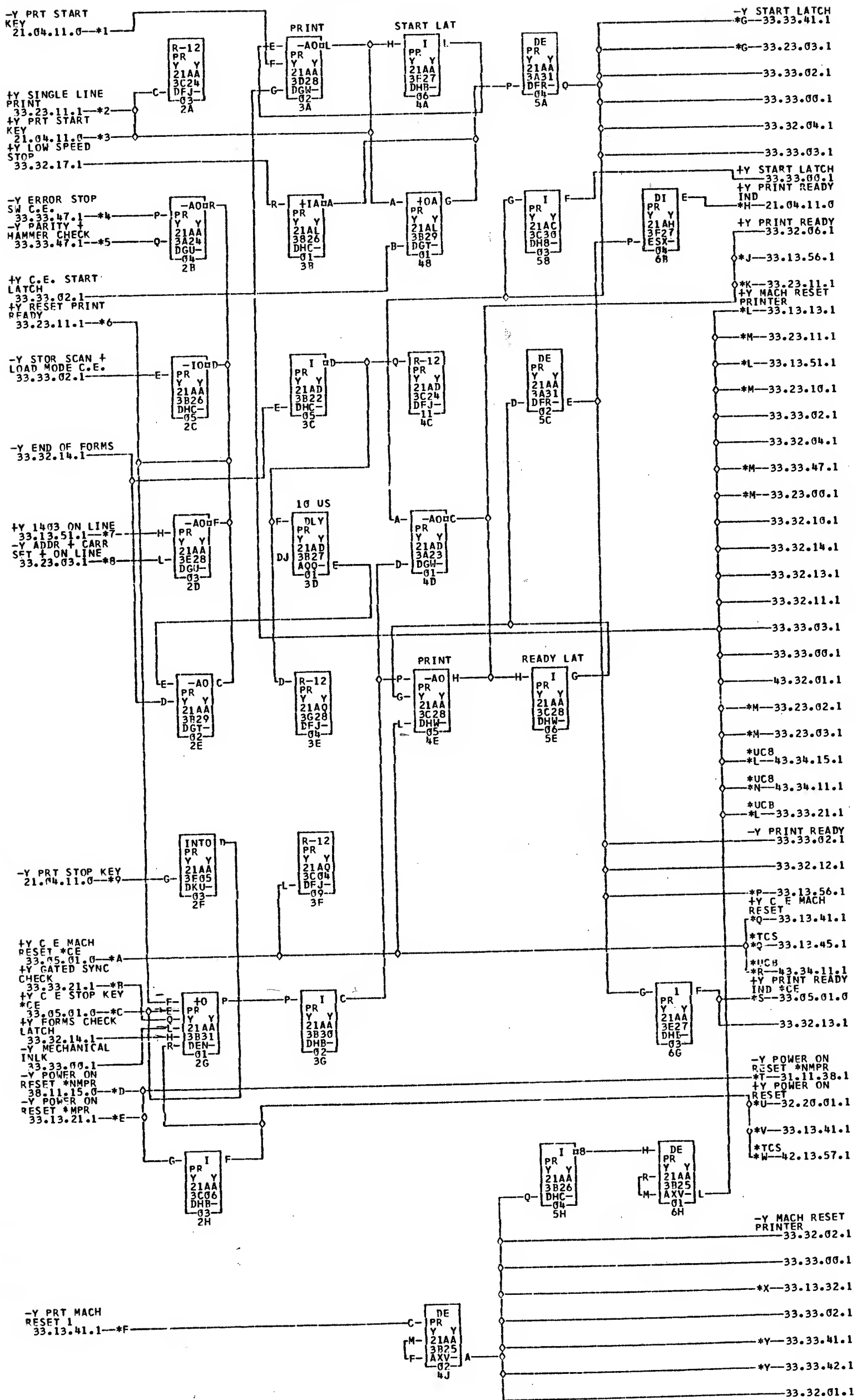






NOTE 1 SET SS 300 USEC FOR 600 LPM
PR-150 USEC FOR 1100 LPM PR MDM.4083
NOTE 2 JUMPER A07D TO A07N TO PERMIT THE
NEXT PSS PULSE TO RESET THE TRAIN READY
TR AFTER A SYNC CHECK AND RESYNC THE PRT
CKTS-ALSO SEE NOTE 1 ON LOGIC 33.33.21.1

TA6	DATE	E.C.NO.	TA6	DATE	E.C.NO.	TA6	DATE	E.C.NO.	TA6	DATE	E.C.NO.
A	08-31-64	121558H	B	10-15-64	121567	C	11-10-64	121572	D	12-18-64	121583
E	01-21-65	121589	F	02-15-65	121594	G	03-18-65	121598	H	04-05-65	124236
J	04-26-65	124237	K	08-18-65	124270	L	04-20-67	125672			



*1-21A3C02J
*2-21A3C32C
*3-21A3C32D
*4-21A3C32E
*5-21A3C32F
*6-21A3C32G
*7-21A3C32H
*8-21A3C32I
*9-21A3C32J
*10-21A3C32K
*11-21A3C32L
*12-21A3C32M
*13-21A3C32N
*14-21A3C32O
*15-21A3C32P
*16-21A3C32Q
*17-21A3C32R
*18-21A3C32S
*19-21A3C32T
*20-21A3C32U
*21-21A3C32V
*22-21A3C32W
*23-21A3C32X
*24-21A3C32Y
*25-21A3C32Z

*26-21A3C33A
*27-21A3C33B
*28-21A3C33C
*29-21A3C33D
*30-21A3C33E
*31-21A3C33F
*32-21A3C33G
*33-21A3C33H
*34-21A3C33I
*35-21A3C33J
*36-21A3C33K
*37-21A3C33L
*38-21A3C33M
*39-21A3C33N
*40-21A3C33O
*41-21A3C33P
*42-21A3C33Q
*43-21A3C33R
*44-21A3C33S
*45-21A3C33T
*46-21A3C33U
*47-21A3C33V
*48-21A3C33W
*49-21A3C33X
*50-21A3C33Y
*51-21A3C33Z

*52-21A3C34A
*53-21A3C34B
*54-21A3C34C
*55-21A3C34D
*56-21A3C34E
*57-21A3C34F
*58-21A3C34G
*59-21A3C34H
*60-21A3C34I
*61-21A3C34J
*62-21A3C34K
*63-21A3C34L
*64-21A3C34M
*65-21A3C34N
*66-21A3C34O
*67-21A3C34P
*68-21A3C34Q
*69-21A3C34R
*70-21A3C34S
*71-21A3C34T
*72-21A3C34U
*73-21A3C34V
*74-21A3C34W
*75-21A3C34X
*76-21A3C34Y
*77-21A3C34Z

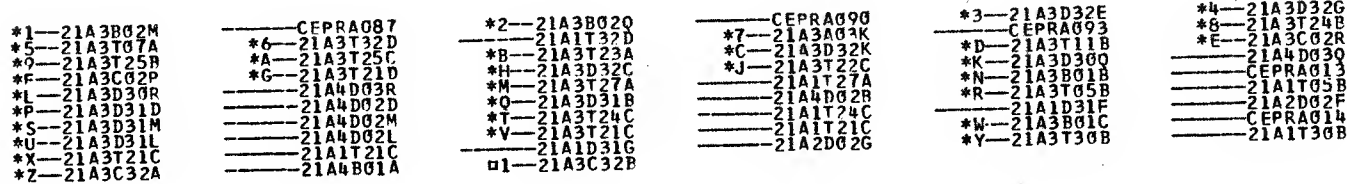
*78-21A3C35A
*79-21A3C35B
*80-21A3C35C
*81-21A3C35D
*82-21A3C35E
*83-21A3C35F
*84-21A3C35G
*85-21A3C35H
*86-21A3C35I
*87-21A3C35J
*88-21A3C35K
*89-21A3C35L
*90-21A3C35M
*91-21A3C35N
*92-21A3C35O
*93-21A3C35P
*94-21A3C35Q
*95-21A3C35R
*96-21A3C35S
*97-21A3C35T
*98-21A3C35U
*99-21A3C35V
*100-21A3C35W
*101-21A3C35X
*102-21A3C35Y
*103-21A3C35Z

*104-21A3C36A
*105-21A3C36B
*106-21A3C36C
*107-21A3C36D
*108-21A3C36E
*109-21A3C36F
*110-21A3C36G
*111-21A3C36H
*112-21A3C36I
*113-21A3C36J
*114-21A3C36K
*115-21A3C36L
*116-21A3C36M
*117-21A3C36N
*118-21A3C36O
*119-21A3C36P
*120-21A3C36Q
*121-21A3C36R
*122-21A3C36S
*123-21A3C36T
*124-21A3C36U
*125-21A3C36V
*126-21A3C36W
*127-21A3C36X
*128-21A3C36Y
*129-21A3C36Z

*130-21A3C37A
*131-21A3C37B
*132-21A3C37C
*133-21A3C37D
*134-21A3C37E
*135-21A3C37F
*136-21A3C37G
*137-21A3C37H
*138-21A3C37I
*139-21A3C37J
*140-21A3C37K
*141-21A3C37L
*142-21A3C37M
*143-21A3C37N
*144-21A3C37O
*145-21A3C37P
*146-21A3C37Q
*147-21A3C37R
*148-21A3C37S
*149-21A3C37T
*150-21A3C37U
*151-21A3C37V
*152-21A3C37W
*153-21A3C37X
*154-21A3C37Y
*155-21A3C37Z

MDM.3090-3180-3280-3380
3480-3580-3680-3780

TAG	DATE	F.C.NO.	TAG	DATE	F.C.NO.	TAG	DATE	F.C.NO.	TAG	DATE	F.C.NO.
A	08-31-64	121550H	B	10-15-64	121567	C	11-10-64	121572	D	12-18-64	121583
F	02-15-65	121594	F	03-18-65	121598	G	04-26-65	124237	H	05-26-65	124248
J	06-08-65	124249	K	06-22-65	124265	L	08-18-65	124270	M	10-11-65	125598
N	11-18-65	125601	P	03-22-66	125634	Q	04-20-67	125672	R	08-18-70	133298



TAG	DATE	F.C.NO.	TAG	DATE	F.C.NO.	TAG	DATE	F.C.NO.	TAG	DATE	F.C.NO.
A	08-21-64	121550H	B	10-15-64	121567	C	11-10-64	121572	D	01-21-65	121589
E	01-16-65	121594	F	04-05-65	124236	G	08-18-65	124270	H	10-11-65	125598
J	03-22-66	125634	K	07-13-66	125648	L	12-16-66	125656	M	12-12-67	131802
N	08-18-70	133298									



COMMENTS				TAG	DATE	E.C.	NO.	TAG	DATE	E.C.	NO.	TAG	DATE	E.C.	NO.	TAG	DATE	E.C.	NO.
MDM-4080-4081-4082-4083-4180-4181				A	08-31-64	12155	OH	P	03-15-64	121567		C	11-10-64	121572		D	12-05-64	121583	
-4480-4481-4482-4580-4581				E	01-21-65	121589		P	12-15-66	121594		G	03-18-65	121598		H	06-05-65	124236	
				J	04-26-65	124237		K	06-08-65	124249		L	06-22-65	124265		M	08-18-65	124270	
				N	03-22-66	125634		P	07-13-66	125648		Q	12-16-66	125656					

4Y UNITS DRIVE

BAR D

33.23.01.1-01

4Y UNITS DRIVE

BAR A

33.23.01.1-02

4Y TENS DRIVE

0

33.33.48.1-03

4Y TENS DRIVE

1

33.33.48.1-04

4Y TENS DRIVE

2

33.33.48.1-05

4Y TENS DRIVE

3

33.33.48.1-06

4Y TENS DRIVE

4

33.33.48.1-07

4Y TENS DRIVE

5

33.33.48.1-08

4Y TENS DRIVE

6

33.33.48.1-09

4Y TENS DRIVE

7

33.33.48.1-10

4Y TENS DRIVE

8

33.33.49.1-11

4Y TENS DRIVE

9

33.33.49.1-12

4Y TENS DRIVE

10

33.33.49.1-13

4Y TENS DRIVE

11

33.33.49.1-14

4Y TENS DRIVE

12

33.33.49.1-15

4Y TENS DRIVE

13

33.33.49.1-16

V HAMMER 01

RESPONSE

*H-33.23.12.0

V HAMMER 01

FIRE

*J-21.04.01.0

V HAMMER 11

RESPONSE

*K-33.23.12.0

V HAMMER 11

FIRE

*L-21.04.01.0

V HAMMER 21

RESPONSE

*M-33.23.12.0

V HAMMER 21

FIRE

*N-21.04.01.0

V HAMMER 31

RESPONSE

*P-33.23.12.0

V HAMMER 31

FIRE

*Q-21.04.01.0

V HAMMER 41

RESPONSE

*R-33.23.12.0

V HAMMER 41

FIRE

*S-21.04.01.0

V HAMMER 51

RESPONSE

*T-33.23.12.0

V HAMMER 51

FIRE

*U-21.04.01.0

V HAMMER 61

RESPONSE

*V-33.23.12.0

V HAMMER 61

FIRE

*W-21.04.01.0

V HAMMER 71

RESPONSE

*X-33.23.12.0

V HAMMER 71

FIRE

*Y-21.04.01.0

V HAMMER 81

RESPONSE

*Z-33.23.12.0

V HAMMER 81

FIRE

*1-21.04.01.0

V HAMMER 91

RESPONSE

*2-33.23.12.0

V HAMMER 91

FIRE

*3-21.04.01.0

V HAMMER 101

RESPONSE

*4-33.23.12.0

V HAMMER 101

FIRE

*5-21.04.01.0

V HAMMER 111

RESPONSE

*6-33.23.12.0

V HAMMER 111

FIRE

*7-21.04.01.0

V HAMMER 121

RESPONSE

*8-33.23.12.0

V HAMMER 121

FIRE

*9-21.04.01.0

V HAMMER 131

RESPONSE

*A-33.23.12.0

V HAMMER 131

FIRE

*B-21.04.01.0

*1-21A3E32N
*7-21A3D32O
*D-21A3E32E
*K-21A3G31P
*R-21A3G31D
*X-21A3G31N
*4-21A3G31H

*2-21A3E32K
*8-21A3D32R
*E-21A3E32F
*L-21A3H05E
*S-21A3H04E
*Y-21A3H03D
*5-21A3H02C
*B-21A3H01B

*3-21A3D32L
*9-21A3E32A
*F-21A3E32G
*M-21A3G31A
*T-21A3G31M
*Z-21A3G31F
*6-21A3G31L

*4-21A3D32M
*A-21A3E32B
*G-21A3E32H
*N-21A3H05L
*U-21A3H04K
*1-21A3H03J
*7-21A3H02H

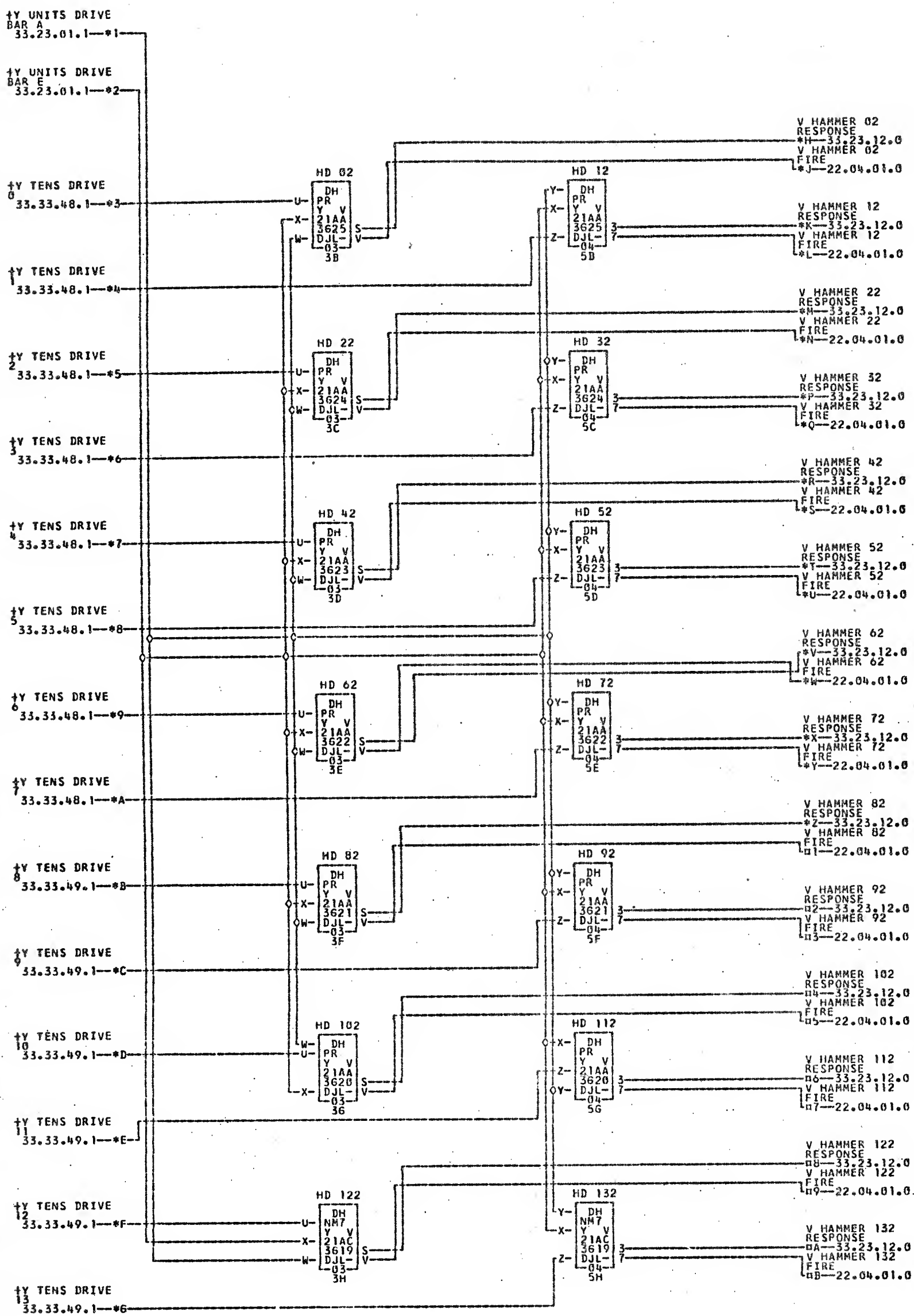
*5-21A3D32N
*B-21A3E32C
*H-21A3G31B
*P-21A3G31O
*V-21A3G31C
*2-21A3G31K
*8-21A3G31G

*6-21A3D32P
*C-21A3E32D
*J-21A3H05A
*Q-21A3H05R
*W-21A3H04Q
*3-21A3H03P
*9-21A3H02N

COMMENTS

WITH 1403 MODEL 3 OR N1 PRINTER
A .0047 UFD CAPACITOR IS LOCATED ON
HAMMER RESPONSE LINE PADDLE CARDS
MDM-4081-4181

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	08-31-64	121556H	B	10-15-64	121567	C	04-26-65	124237	D	11-18-65	125601



*1-21A3E32K
*7-21A3D32Q
*D-21A3E32P
*K-21A3H26D
*X-21A3H26N
*H-21A3H26E
*A-21A3H26H

*2-21A3E32P
*8-21A3D32R
*E-21A3E32F
*L-21A3G05F
*S-21A3G04E
*Y-21A3G03D
*5-21A3G02C
*B-21A3G01B

*3-21A3D32L
*9-21A3E32A
*F-21A3E32G
*M-21A3H26A
*T-21A3H26M
*Z-21A3H26F
*6-21A3H26L

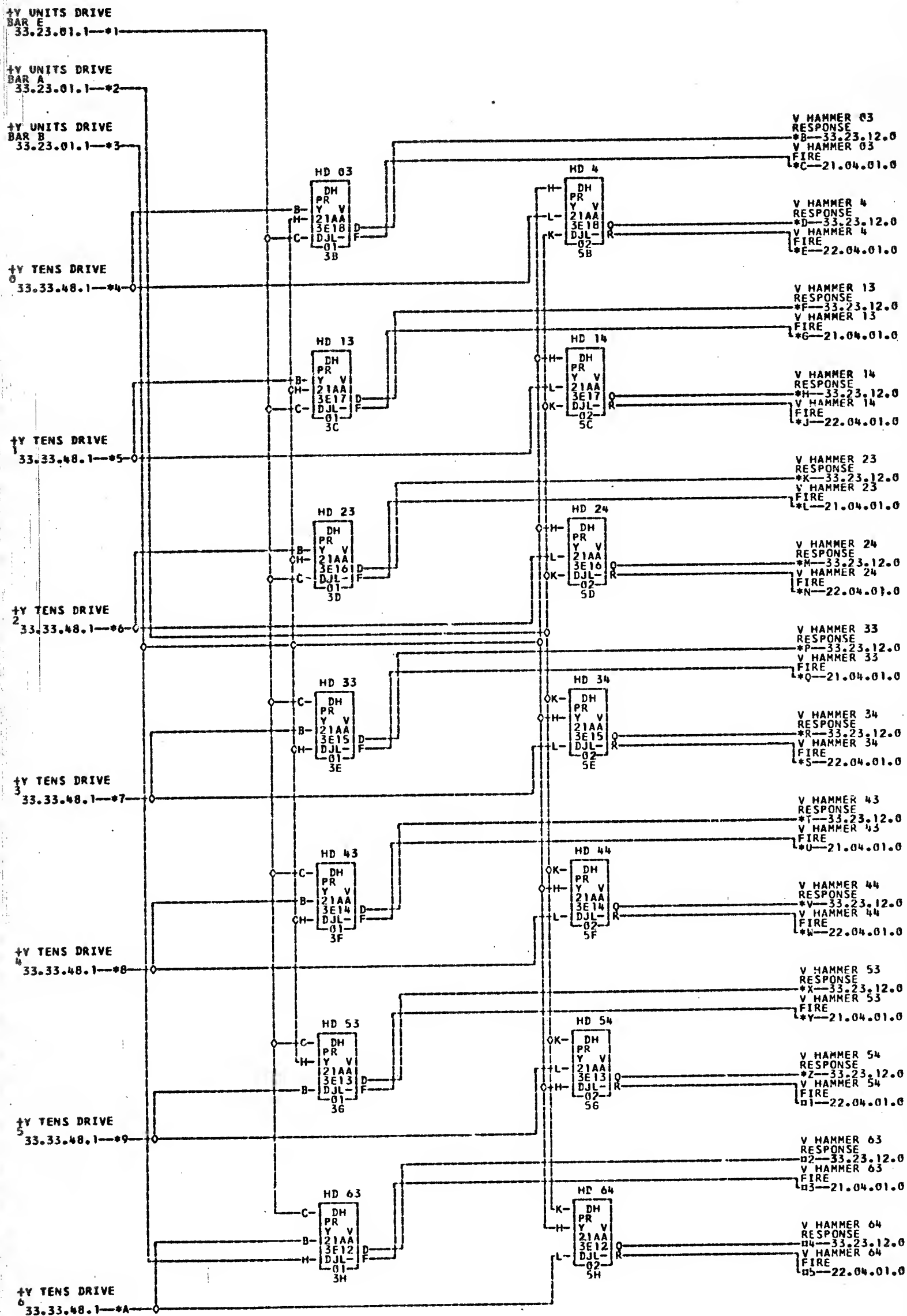
*4-21A3D32M
*A-21A3E32B
*G-21A3E32H
*N-21A3G05L
*U-21A3G04K
*1-21A3G03J
*7-21A3G02H

*5-21A3D32N
*B-21A3E32C
*H-21A3H26B
*P-21A3H26O
*V-21A3H26K
*2-21A3H26K
*8-21A3H26G

*6-21A3D32P
*C-21A3E32D
*J-21A3G05A
*O-21A3G05R
*W-21A3G04Q
*3-21A3G03P
*9-21A3G02N

COMMENTS
WITH 1403 MODEL 3 OR N1 PRINTER
A .047 UFD CAPACITOR IS LOCATED ON
HAMMER RESPONSE LINE PADDLE CARDS
MDH.4081-4181

TAG DATE E.C.NO. TAG DATE E.C.NO. TAG DATE E.C.NO. TAG DATE E.C.NO.
A 08-31-64 121559H B 10-15-64 121567 C 04-26-65 124237 D 11-18-65 125601



*1-21A3E32P
*7-21A3D32P
*D-21A3H28B
*K-21A3G32A
*R-21A3H28P
*X-21A3G32L
*4-21A3H28C

*2-21A3E32K
*8-21A3D32Q
*E-21A3G05B
*L-21A3H05H
*S-21A3G04A
*Y-21A3H04L
*5-21A3G04R

*3-21A3E32L
*9-21A3D32R
*F-21A3G05N
*H-21A3H28A
*T-21A3G32D
*Z-21A3H28L

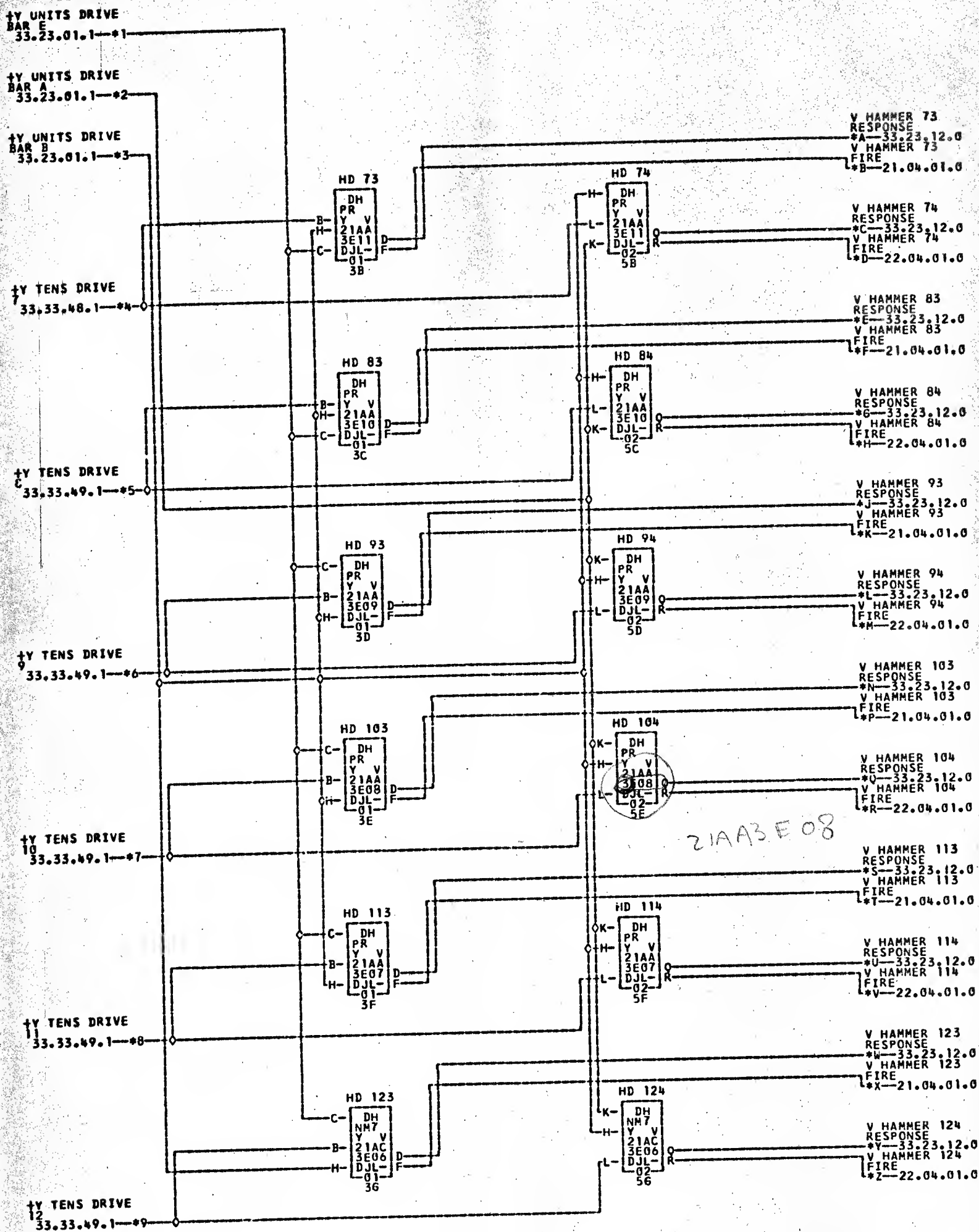
*4-21A3D32L
*A-21A3E32A
*G-21A3H05G
*N-21A3G05M
*U-21A3H04F
*1-21A3G04L

*5-21A3D32M
*B-21A3G32B
*H-21A3H28N
*P-21A3G32P
*V-21A3H28D
*2-21A3G32C

*6-21A3D32N
*C-21A3H05B
*J-21A3G05G
*Q-21A3H04A
*W-21A3G04F
*3-21A3H04R

COMMENTS
WITH 1403 MODEL 3 OR N1 PRINTER
A .047 UFD CAPACITOR IS LOCATED ON
HAMMER RESPONSE LINE PADDLE CARDS
MDM.4081-4181

TAG DATE E.C.NO. TAG DATE E.C.NO. TAG DATE E.C.NO. TAG DATE E.C.NO.
A 08-31-64 121550H B 10-15-64 121567 C 11-18-65 125601



*1-21A3E32P
*7-21A3E32E
*8-21A3E32F
*D-21A3E32G
*K-21A3E32H
*R-21A3E32I
*X-21A3E32J

*2-21A3E32K
*B-21A3E32L
*E-21A3E32M
*L-21A3E32N
*S-21A3E32O
*Y-21A3E32P

*3-21A3E32Q
*V-21A3E32R
*F-21A3E32S
*M-21A3E32T
*T-21A3E32U
*Z-21A3E32V

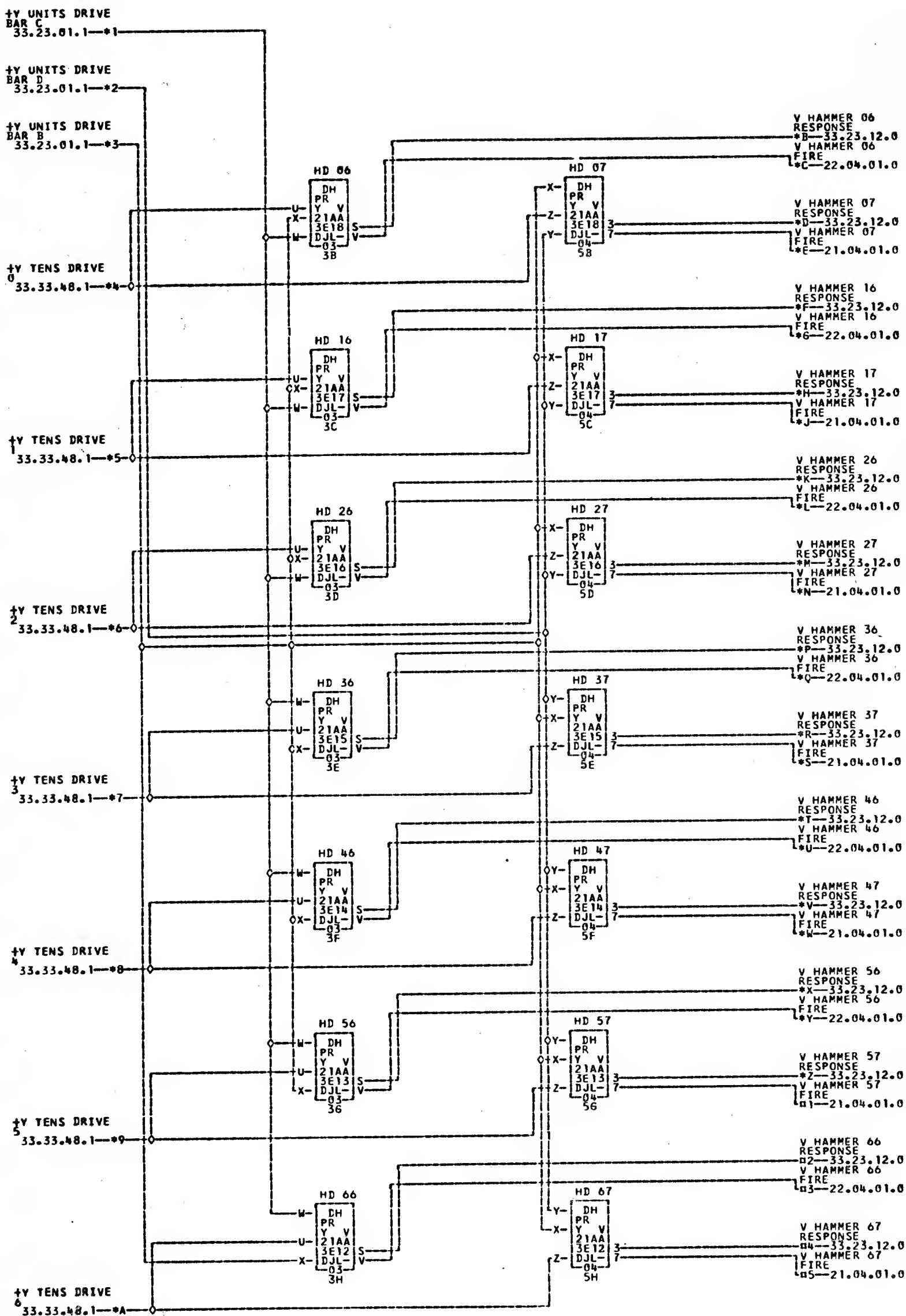
*4-21A3E32W
*A-21A3E32X
*G-21A3E32Y
*N-21A3E32Z
*U-21A3E32A

*5-21A3E32B
*C-21A3E32C
*H-21A3E32D
*P-21A3E32E
*V-21A3E32F

*6-21A3E32G
*J-21A3E32H
*O-21A3E32I
*W-21A3E32J
*2-21A3E32K

WITH 1403 MODEL 3 OR N1 PRINTER
A .047 UFD CAPACITOR IS LOCATED ON
HAMMER RESPONSE LINE PADDLE CARDS
MDM.4081-4181

TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.	TAG	DATE	E.C.NO.
A	08-31-64	121550F	B	10-15-64	121567	C	04-26-65	124237	D	11-18-65	125601



*1-21A3E32M
*7-21A3D32P
*D-21A3H29B
*K-21A3H30A
*R-21A3H29P
*X-21A3H30L
*4-21A3H29C

*2-21A3E32N
*8-21A3D32Q
*E-21A3H05D
*L-21A3H05N
*S-21A3H04C
*Y-21A3H04M
*5-21A3H03B

*3-21A3E32L
*9-21A3D32R
*F-21A3H30N
*M-21A3H29A
*T-21A3H30D
*Z-21A3H29L

*4-21A3D32L
*A-21A3E32A
*6-21A3H05H
*N-21A3H05P
*U-21A3H04G
*1-21A3H04N

*5-21A3D32M
*B-21A3H30B
*H-21A3H29N
*P-21A3H30P
*V-21A3H29D
*2-21A3H30C

*6-21A3D32N
*C-21A3H05C
*J-21A3H05J
*Q-21A3H04B
*W-21A3H04H
*3-21A3H03A

4Y UNITS DRIVE
BAR C
33.23.01.1—*1

4Y UNITS DRIVE
BAR D
33.23.01.1—*2

4Y UNITS DRIVE
BAR B
33.23.01.1—*3

4Y TENS DRIVE
7
33.33.48.1—*4

4Y TENS DRIVE
8
33.33.49.1—*5

4Y TENS DRIVE
9
33.33.49.1—*6

4Y TENS DRIVE
10
33.33.49.1—*7

4Y TENS DRIVE
11
33.33.49.1—*8

4Y TENS DRIVE
12
33.33.49.1—*9

HD 76

DH
PR
Y V
21AA
3E11
DJL
03
3B

HD 86

DH
PR
Y V
21AA
3E10
DJL
03
3C

HD 96

DH
PR
Y V
21AA
3E09
DJL
03
3D

HD 106

DH
PR
Y V
21AA
3E08
DJL
03
3E

HD 116

DH
PR
Y V
21AA
3E07
DJL
03
3F

HD 126

DH
NM7
Y V
21AC
3E06
DJL
03
3G

HD 77

DH
PR
Y V
21AA
3E11
DJL
04
5B

HD 87

DH
PR
Y V
21AA
3E10
DJL
04
5C

HD 97

DH
PR
Y V
21AA
3E09
DJL
04
5D

HD 107

DH
PR
Y V
21AA
3E08
DJL
04
5E

HD 117

DH
PR
Y V
21AA
3E07
DJL
04
5F

HD 127

DH
NM7
Y V
21AC
3E06
DJL
04
5G

V HAMMER 76
RESPONSE
*A—33.23.12.0
V HAMMER 76
FIRE
*B—22.04.01.0

V HAMMER 77
RESPONSE
*C—33.23.12.0
V HAMMER 77
FIRE
*D—21.04.01.0

V HAMMER 86
RESPONSE
*E—33.23.12.0
V HAMMER 86
FIRE
*F—22.04.01.0

V HAMMER 87
RESPONSE
*G—33.23.12.0
V HAMMER 87
FIRE
*H—21.04.01.0

V HAMMER 96
RESPONSE
*J—33.23.12.0
V HAMMER 96
FIRE
*K—22.04.01.0

V HAMMER 97
RESPONSE
*L—33.23.12.0
V HAMMER 97
FIRE
*M—21.04.01.0

V HAMMER 106
RESPONSE
*N—33.23.12.0
V HAMMER 106
FIRE
*P—22.04.01.0

V HAMMER 107
RESPONSE
*Q—33.23.12.0
V HAMMER 107
FIRE
*R—21.04.01.0

V HAMMER 116
RESPONSE
*S—33.23.12.0
V HAMMER 116
FIRE
*T—22.04.01.0

V HAMMER 117
RESPONSE
*U—33.23.12.0
V HAMMER 117
FIRE
*V—21.04.01.0

V HAMMER 126
RESPONSE
*W—33.23.12.0
V HAMMER 126
FIRE
*X—22.04.01.0

V HAMMER 127
RESPONSE
*Y—33.23.12.0
V HAMMER 127
FIRE
*Z—21.04.01.0

*1—21A3E32M
*7—21A3E32E
*D—21A3H03G
*K—21A3H03R
*R—21A3H02F
*X—21A3H02Q

*2—21A3E32N
*8—21A3E32F
*E—21A3H03F
*L—21A3H02H
*S—21A3H03K
*Y—21A3H29G

*3—21A3E32L
*9—21A3E32G
*F—21A3H03L
*M—21A3H02A
*T—21A3H02K
*Z—21A3H02R

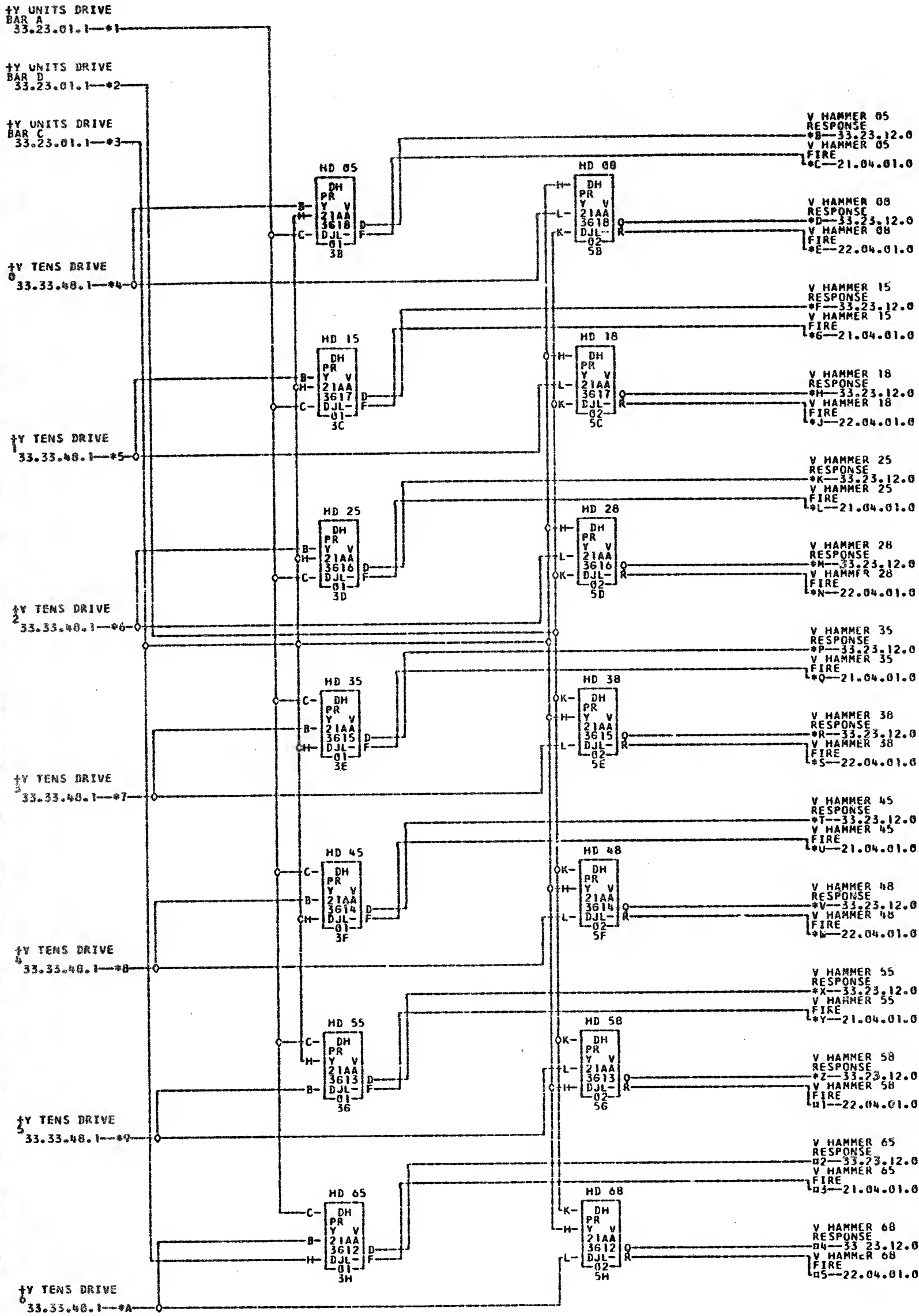
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*A—21A3H03M
*G—21A3H02F
*N—21A3H03E
*U—21A3H29K

*5—21A3E32C
*B—21A3H03F
*H—21A3H03M
*P—21A3H02E
*V—21A3H02L

*6—21A3E32D
*C—21A3H02M
*J—21A3H03H
*O—21A3H29E
*W—21A3H03G

WITH 1403 MODEL 3 OR N1 PRINTER
A .047 UFD CAPACITOR IS LOCATED ON
HAMMER RESPONSE LINE PADDLE CARDS
MDM.4081-4181

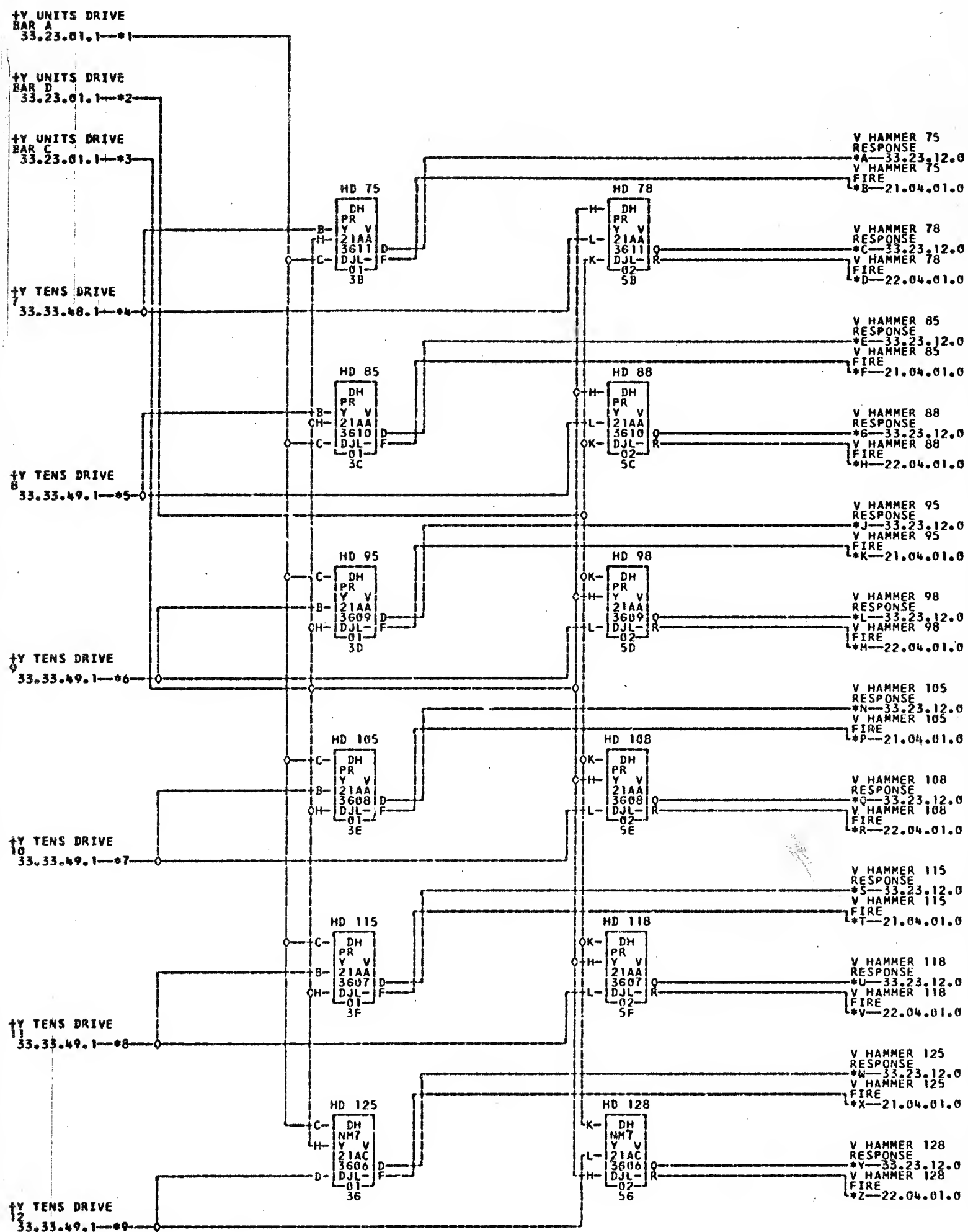
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A 08-31-64 121550H B 10-15-64 121567 C 04-26-65 124237 D 11-18-65 125601



- | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|
| *1—21A3E32K | *2—21A3E32N | *3—21A3E32M | *4—21A3D32L | *5—21A3D32M | *6—21A3D32N |
| *7—21A3D32P | *8—21A3D32Q | *9—21A3D32R | *A—21A3E32A | *B—21A3H27B | *C—21A3H05C |
| *D—21A3H32B | *E—21A3H05D | *F—21A3H27N | *G—21A3H05H | *H—21A3H32N | *J—21A3H05J |
| *K—21A3H27A | *L—21A3H05N | *M—21A3H32A | *N—21A3H05P | *P—21A3H27P | *Q—21A3H04B |
| *R—21A3H32P | *S—21A3H04C | *T—21A3H27D | *U—21A3H04G | *V—21A3H32D | *W—21A3H04H |
| *X—21A3H27L | *Y—21A3H04C | *Z—21A3H32L | *1—21A3H04N | *2—21A3H27C | *3—21A3H03A |
| *4—21A3H32C | *5—21A3H03B | | | | |

WITH 1403 MODEL 3 OR N1 PRINTER
A .047 UFD CAPACITOR IS LOCATED ON
HAMMER RESPONSE LINE PADDLE CARDS
MDM.4081-4181

TAG DATE	E.C.NO.	TAG DATE	E.C.NO.	TAG DATE	E.C.NO.	TAG DATE	E.C.NO.
A 08-31-64	121550H	B 10-15-64	121567	C 11-18-65	125601		



*1-21A3E32K
*7-21A3E32E
*D-21A36036
*K-21A3H03R
*R-21A3602F
*X-21A3H02Q

*2—21A3E32N
*8—21A3E32F
*E—21A3H27F
*L—21A3H32H
*S—21A3H27K
*Y—21A3H32G

*3—21A3E32M
*9—21A3E326
*F—21A3H03L
*M—21A3G02A
*T—21A3H02K
*Z—21A3G02R

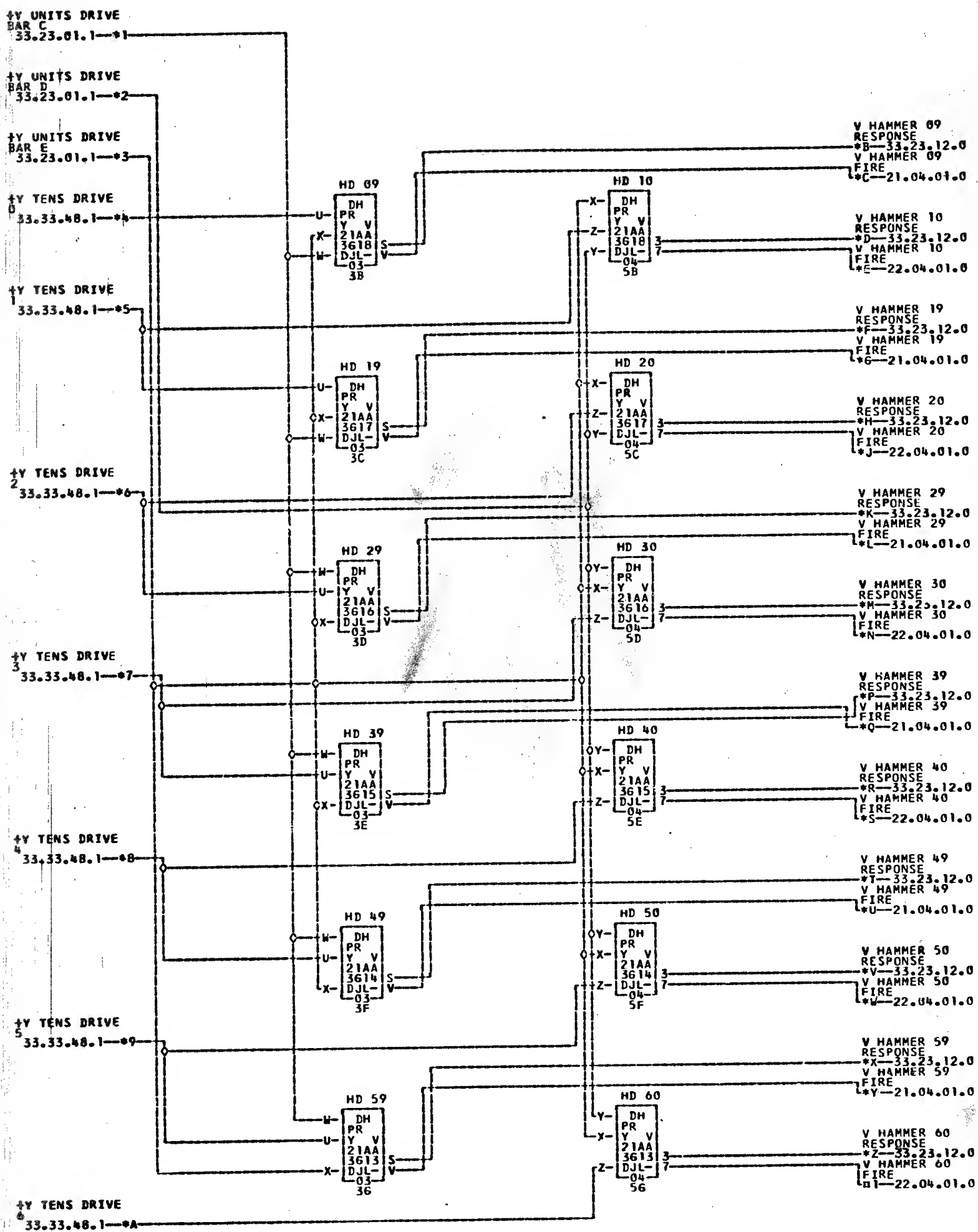
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*A—21A3H27M
*6—21A3H32F
*N—21A3H27E
*U—21A3H32K

*S—21A3E32C
*B—21A3H03F
*H—21A3G03M
*P—21A3H02E
*V—21A3G02L

*6—21A3E32D
*C—21A3H32M
*J—21A3H27H
*Q—21A3H32E
*W—21A3H276

REF ID	COMMENTS
WITH 1403 MODEL 3 OR N1 PRINTER	
A .047 UFD CAPACITOR IS LOCATED ON	
HAMMER RESPONSE LINE PADDLE CARDS	
MDM.4081-4181	

TA6	DATE	E.C.NO.	TA6	DATE	E.C.NO.	TA6	DATE	E.C.NO.	TA6	DATE	E.C.NO.
1A	08-31-64	121550H	1B	10-15-64	121567	1C	04-20-65	124237	1D	11-18-65	125601



*1—21A3E32M
*7—21A3D32P
*D—21A3H30R
*K—21A3H31A
*R—21A3G32R
*X—21A3H31L

*2—21A3E32N
*8—21A3D32Q
*E—21A3G05E
*L—21A3H05Q
*S—21A3G04D
*Y—21A3H04P

*3—21A3E32P
*9—21A3D32R
*F—21A3H31N
*M—21A3H31O
*T—21A3H31D
*Z—21A3G32C

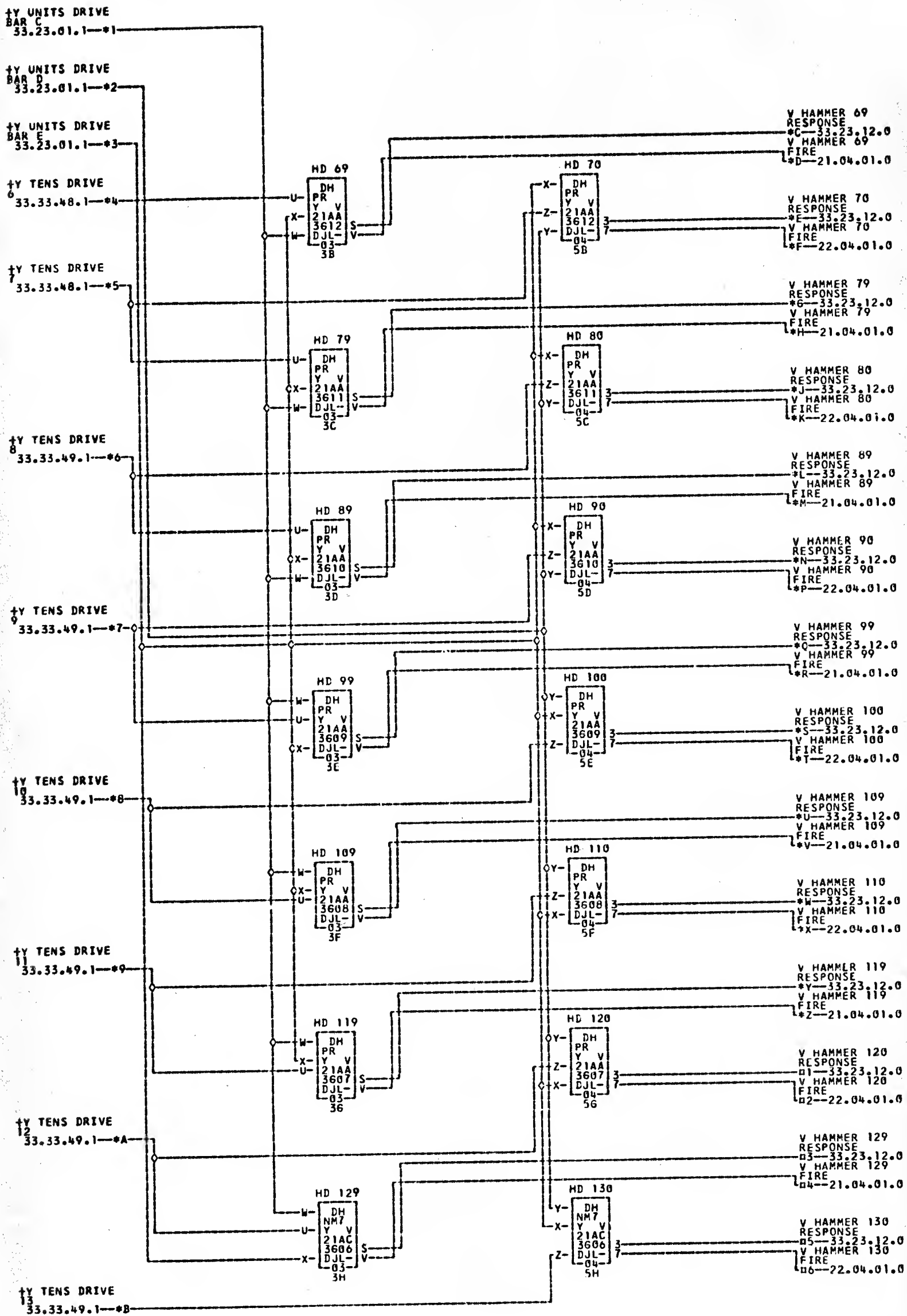
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*A—21A3E32A
*G—21A3H05K
*N—21A3G05C
*U—21A3H04J
*1—21A3G04P

*5—21A3D32M
*B—21A3H31B
*H—21A3G31R
*P—21A3H31P
*V—21A3H29R

*6—21A3D32N
*C—21A3H05E
*J—21A3G05K
*O—21A3H04D
*W—21A3G04J

COMMENTS
WITH 1403 MODEL 3 OR N1 PRINTER
A .047 UFD CAPACITOR IS LOCATED ON
HAMMER RESPONSE LINE PADDLE CARDS
MCM.4081-4181

TAG DATE E.C.NO. TAG DATE E.C.NO. TAG DATE E.C.NO. TAG DATE E.C.NO.
A 08-31-64 121550H B 10-15-64 121567 C 11-18-65 125601



*1-21A3E32M
*7-21A3E32D
*D-21A3H03C
*K-21A3603H
*R-21A3H02B
*X-21A36026
*4-21A3H01A

*2-21A3E32N
*8-21A3E32E
*E-21A3H03Q
*L-21A3H31F
*S-21A3H26R
*Y-21A3H31K
*5-21A3H28Q

*3-21A3E32P
*9-21A3E32F
*F-21A3603C
*M-21A3H03N
*T-21A3602R
*Z-21A3H02M
*6-21A3601A

*4-21A3E32A
*A-21A3E32G
*G-21A3H31M
*N-21A3H28R
*U-21A3H31E
*1-21A3H27R

*5-21A3E32B
*R-21A3E32H
*H-21A3H03H
*P-21A3603N
*V-21A3H026
*2-21A3602M

*6-21A3E32C
*C-21A3H31C
*J-21A3H27Q
*Q-21A3H31H
*W-21A3H29Q
*3-21A3H316

WITH 1403 MODEL 3 OR N1 PRINTER
A.047 UFD CAPACITOR IS LOCATED ON
HAMMER RESPONSE LINE PADDLE CARDS
MDM-4081-4181

TAG DATE E.C.NO. TAG DATE E.C.NO. TAG DATE E.C.NO. TAG DATE E.C.NO.
A 08-31-64 121550H D 10-15-64 121567 C 04-26-65 124237 D 11-18-65 125601